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OM protein - protein search, using sw model

Run on: January 15, 2003, 17:24:17 : Search time 8.5 Seconds

(without alignments)  
724.981 Million cell updates/sec

Title: US-09-524-531c-13

Perfect score: 1633

Sequence: 1 MALSRRLRLRYARLPHPFL.....VNIIRTSSEGGFRHKSPFI 310

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 120991 seqs, 19878514 residues 120991

1 number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100%

Listing first 45 summaries

Database :

Published\_Applications\_AA:\*  
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2: /cgn2\_6/ptodata/1/pubpaa/PCIT\_NEM\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEM\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEM\_PUB.pep:\*  
6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/1/pubpaa/PCITUS\_PUBCOMB.pep:\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09\_NEM\_PUB.pep:\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/ptodata/1/pubpaa/US10\_NEM\_PUB.pep:\*  
12: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep:\*  
13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEM\_PUB.pep:\*  
14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1409	86.3	310	US-09-905-291A-423	Sequence 423, App
2	1409	86.3	310	US-10-033-245-20	Sequence 20, App
3	1409	86.3	310	US-10-033-223-20	Sequence 20, App
4	1409	86.3	310	US-10-033-167-20	Sequence 20, App
5	1409	86.3	310	US-09-902-853-423	Sequence 423, App
6	1409	86.3	310	US-10-033-244-20	Sequence 20, App
7	1409	86.3	310	US-09-907-824-423	Sequence 423, App
8	1409	86.3	310	US-09-907-841-423	Sequence 423, App
9	1409	86.3	310	US-09-904-011-423	Sequence 423, App
10	1409	86.3	310	US-10-028-072-538	Sequence 538, App
11	1409	86.3	310	US-09-909-320-423	Sequence 423, App
12	1409	86.3	310	US-09-909-088B-423	Sequence 423, App
13	1409	86.3	310	US-10-033-246-20	Sequence 20, App
14	1409	86.3	310	US-10-033-301-20	Sequence 20, App
15	1409	86.3	310	US-10-033-326-20	Sequence 20, App
16	505	30.9	298	US-09-743-763-38	Sequence 38, App
17	505	30.9	298	US-09-799-777-30	Sequence 30, App
18	498	30.5	298	US-09-852-797-76	Sequence 76, App
19	498	30.5	298	US-09-853-161-76	Sequence 76, App

20	498	30.5	298	10	US-09-852-659A-76	Sequence 76, App
21	478	29.3	312	9	US-09-905-291A-64	Sequence 64, App
22	478	29.3	312	9	US-09-953-499-9	Sequence 9, App
23	478	29.3	312	9	US-09-902-853-64	Sequence 64, App
24	478	29.3	312	9	US-09-907-824-64	Sequence 64, App
25	478	29.3	312	9	US-09-907-841-64	Sequence 64, App
26	478	29.3	312	9	US-09-904-011-64	Sequence 64, App
27	478	29.3	312	9	US-10-028-072-336	Sequence 336, App
28	478	29.3	312	10	US-09-909-320-64	Sequence 64, App
29	478	29.3	312	10	US-09-909-088B-64	Sequence 64, App
30	449.5	27.5	300	9	US-09-953-499-10	Sequence 10, App
31	415	25.4	299	9	US-09-905-291A-119	Sequence 119, App
32	415	25.4	299	9	US-10-066-500-91	Sequence 91, App
33	415	25.4	299	9	US-09-953-499-1	Sequence 1, App
34	415	25.4	299	9	US-09-902-853-119	Sequence 119, App
35	415	25.4	299	9	US-09-907-824-119	Sequence 119, App
36	415	25.4	299	9	US-09-907-841-119	Sequence 119, App
37	415	25.4	299	9	US-09-904-011-119	Sequence 119, App
38	415	25.4	299	9	US-10-028-072-366	Sequence 366, App
39	415	25.4	299	10	US-09-799-777-51	Sequence 51, App
40	415	25.4	299	10	US-09-909-320-119	Sequence 119, App
41	415	25.4	299	10	US-09-909-088B-119	Sequence 119, App
42	403	24.7	301	10	US-09-764-853-540	Sequence 540, App
43	381.5	23.4	260	9	US-09-953-499-23	Sequence 23, App
44	381.5	23.4	263	9	US-09-953-499-25	Sequence 25, App
45	242.5	14.8	319	9	US-09-981-353-65	Sequence 65, App

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/0905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Geo, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905,291A  
CURRENT FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PC/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222

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: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 423
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo Sapien
: OS-09-905-291A-423

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Query Match	86.3%	Score 1409;	DB 9;	Length 310;	
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DB	61	SDPRLEMMKIQDEQTYVFFDNKKIQGLDLAGRAEIIQKTSLKLIWNTVRDSDALYRCEVAR	120		
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I	121	NDKRKVIDEITIELIQVQVPMVPVCRIPAAVPRGKATATIQQCSSEGHPRHYSWYRNDVPL	180		
QY	181	PTDSRANRFQNSSEFHVASEGTGLVFENAVHKDQSQCYCIASNDAGAARCEQDQMEVYDL	240		
DB	181	PTDSRANRFQNSSHLNSSETGLVFTAVHKDQSQCYCIASNDGASARCEQDQMEVYDL	240		
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DB	241	NIGGIIGVAVLVAVLALITIGICCAVRRGYFINKKQGESYKKNPGKPDGVVYIRPTDEEG	300		
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DB	301	DFRRKSSFEVI 310			

RESULT 2  
US-10-033-245-20

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: Sequence 20, Application/us/10033245
: Patent No. US20020160392A1
:
: GENERAL INFORMATION:
:
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang

```

```

1  APPLICANT: Goddard, Audrey
2  APPLICANT: Gurney, Austlin L.
3  APPLICANT: Pan, James
4  APPLICANT: Roy, Margaret Ann
5  APPLICANT: Stewart, Timothy A.
6  APPLICANT: Tumas, Daniel
7  APPLICANT: Watanabe, Colin K.
8  APPLICANT: Wood, William I.
9  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
10 TITLE OF INVENTION: Acids Encoding the Same
11 FILE REFERENCE: P2930R1C7
12 CURRENT APPLICATION NUMBER: US/10/033,245
13 CURRENT FILING DATE: 2001-12-27
14 PRIOR APPLICATION NUMBER: 60/095,325
15 PRIOR FILING DATE: 1998-08-04
16 PRIOR APPLICATION NUMBER: 60/112,851
17 PRIOR FILING DATE: 1998-12-16
18 PRIOR APPLICATION NUMBER: 60/113,145
19 PRIOR FILING DATE: 1998-12-16
20 PRIOR APPLICATION NUMBER: 60/113,511
21 PRIOR FILING DATE: 1998-12-22
22 PRIOR APPLICATION NUMBER: 60/115,558
23 PRIOR FILING DATE: 1999-01-12
24 PRIOR APPLICATION NUMBER: 60/115,565
25 PRIOR FILING DATE: 1999-01-12
26 PRIOR APPLICATION NUMBER: 60/115,733
27 PRIOR FILING DATE: 1999-01-12
28 PRIOR APPLICATION NUMBER: 60/119,341
29 PRIOR FILING DATE: 1999-02-09
30 PRIOR APPLICATION NUMBER: 60/119,537
31 PRIOR FILING DATE: 1999-02-10
32 PRIOR APPLICATION NUMBER: 60/119,965
33 PRIOR FILING DATE: 1999-02-12
34 PRIOR APPLICATION NUMBER: 60/162,506
35 PRIOR FILING DATE: 1999-10-29
36 PRIOR APPLICATION NUMBER: 60/170,262
37 PRIOR FILING DATE: 1999-12-09
38 PRIOR APPLICATION NUMBER: 60/187,202
39 PRIOR FILING DATE: 2000-03-03
40 PRIOR APPLICATION NUMBER: PCT/US99/12252
41 PRIOR FILING DATE: 1999-06-02
42 PRIOR APPLICATION NUMBER: PCT/US99/28634
43 PRIOR FILING DATE: 1999-12-01
44 PRIOR APPLICATION NUMBER: PCT/US99/28551
45 PRIOR FILING DATE: 1999-12-02
46 PRIOR APPLICATION NUMBER: PCT/US00/03565
47 PRIOR FILING DATE: 2000-02-11
48 PRIOR APPLICATION NUMBER: PCT/US00/04414
49 PRIOR FILING DATE: 2000-02-22
50 PRIOR APPLICATION NUMBER: PCT/US00/05841
51 PRIOR FILING DATE: 2000-03-02
52 PRIOR APPLICATION NUMBER: PCT/US00/08439
53 PRIOR FILING DATE: 2000-03-30
54 PRIOR APPLICATION NUMBER: PCT/US00/14941
55 PRIOR FILING DATE: 2000-05-30
56 PRIOR APPLICATION NUMBER: PCT/US00/15264
57 PRIOR FILING DATE: 2000-06-02
58 PRIOR APPLICATION NUMBER: PCT/US00/32678
59 PRIOR FILING DATE: 2000-12-01
60 NUMBER OF SEQ ID NOS: 38
61 SEQ ID NO 20
62 LENGTH: 310
63 TYPE: PRT
64 ORGANISM: Homo sapiens
65 US-10-033-245-20

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Query Match	86.38	Score 1409	DB 9	Length 310
Best Local Similarity	85.88	Pred. No. 2.5e-89		
Matches 266	Conservative 18	Mismatches 26	Indels 0	Gaps 0

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DB 61 SDRPRLMKKIOGQOTYYVFDNKTIOGDLGRDVFEGKTSLRIMNTRSDSAIYRCEVNL 120  
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DB 181 PDSRANPFRNSSFHNSFSETGLVFNVAHKKDSSGQYCIASNDAGARCEGDMEVYDL 240  
QY 241 NIGGIIGVLLVLAIVATMGICCAVRRGCFISSKODESYPKPHGVNIRITSEEG 300  
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QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 3  
US-10-033-223-20  
Sequence 20, Application US/10033223  
Patent No. US20020164646A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C9  
CURRENT APPLICATION NUMBER: US/10/033,223  
CURRENT FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
PRIOR FILING DATE: 1999-12-09  
PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02

PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US00/03565  
PRIOR FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: PCT/US00/05841  
PRIOR FILING DATE: 2000-03-02  
PRIOR APPLICATION NUMBER: PCT/US00/08439  
PRIOR FILING DATE: 2000-03-30  
PRIOR APPLICATION NUMBER: PCT/US00/14941  
PRIOR FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO: 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-223-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 2,5e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRLRLRLVRLPHFLLLFRGCMTEAVNLKSNRPVNHFESEVLSCTIHSOT 60  
DB 1 MALRRPRLRLCARLPDFLLFRGLLIGAVNLSSNRPVQFESVLSCTIHSOT 60  
QY 61 SDRPRLMKKIOGQOTYYVFDNKTIOGDLGRDVFEGKTSLRIMNTRSDSAIYRCEVNL 120  
DB 61 SDRPRLMKKIOGQOTYYVFDNKTIOGDLGRDVFEGKTSLRIMNTRSDSAIYRCEVNL 120  
QY 121 NDRKEVDTEITIELIYOVKRVTPYCRIPAAVPGKATLLOCQSESEGYPRPHYSYRNDVPL 180  
DB 121 NDRKEVDTEITIELIYOVKRVTPYCRIPAAVPGKATLLOCQSESEGYPRPHYSYRNDVPL 180  
QY 181 PDSRANPFRNSSFHNSFSETGLVFNVAHKKDSSGQYCIASNDAGARCEGDMEVYDL 240  
DB 181 PDSRANPFRNSSFHNSFSETGLVFNVAHKKDSSGQYCIASNDAGARCEGDMEVYDL 240  
QY 241 NIGGIIGVLLVLAIVATMGICCAVRRGCFISSKODESYPKPHGVNIRITSEEG 300  
DB 241 NIGGIIGVLLVLAIVATMGICCAVRRGCFISSKODESYPKPHGVNIRITSEEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 4  
US-10-033-167-20  
Sequence 20, Application US/10033167  
Patent No. US20020182618A1  
GENERAL INFORMATION:  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2930R1C10  
CURRENT APPLICATION NUMBER: US/10/033.167  
CURRENT FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095,325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112,851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,145  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113,511  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/115,558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115,733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119,341  
PRIOR FILING DATE: 1999-02-09  
PRIOR APPLICATION NUMBER: 60/119,537  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/119,965  
PRIOR FILING DATE: 1999-02-12  
PRIOR APPLICATION NUMBER: 60/162,506  
PRIOR FILING DATE: 1999-10-29  
PRIOR APPLICATION NUMBER: 60/170,262  
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PRIOR APPLICATION NUMBER: 60/187,202  
PRIOR FILING DATE: 2000-03-03  
PRIOR APPLICATION NUMBER: PCT/US99/12252  
PRIOR FILING DATE: 1999-06-02  
PRIOR APPLICATION NUMBER: PCT/US99/28634  
PRIOR FILING DATE: 1999-12-01  
PRIOR APPLICATION NUMBER: PCT/US99/28551  
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PRIOR APPLICATION NUMBER: PCT/US00/15264  
PRIOR FILING DATE: 2000-06-02  
PRIOR APPLICATION NUMBER: PCT/US00/32678  
PRIOR FILING DATE: 2000-12-01  
NUMBER OF SEQ ID NOS: 38  
SEQ ID NO 20  
LENGTH: 310  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-033-167-20

Query Match 86.3%, Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%, Pred. No. 2,5e+89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRYARLPDHFLLLFRCGMIEAVNLKSSNNRPVHFESEVELSCITHSOT 60  
DB 1 MALRRPRLRLCARLPDFFLLLFRCGLIGAVNLKSSNRTPVVQFESEVELSCITDSOT 60  
QY 61 SDPRIEMKKIOGQTYVYFDNRKIOGLAGRTDVGKTSRLRIWNTYRSDSAIYRCEVVAL 120  
DB 61 SDPRIEMKKIOGQTYVYFDNRKIOGLAGRAELIGKTSRLKIWNTYRSDSAIYRCEVVAL 120  
QY 121 NDRKEVDEITIELIYQVAPVYFVCGRIAPAVPYGKTAITLCCOSEGYPRHYSWYRNDVPL 180  
DB 121 NDRKEIDIEIVIELTVQVAPVYFVCGRPVAVPYGKMATILHCCSEGHPRPHYSWYRNDVPL 180

QY 181 PTDSRANRPFONSPFHVNSEGTGFVFNVAHKKDSSGOYYCIASNDGAARCEGQDMEVYDL 240  
DB 181 PTDSRANRPFONSPFHVNSEGTGFVFNVAHKKDSSGOYYCIASNDGAARCEGQDMEVYDL 240  
QY 241 NAGIIGGVLVVLIYAVITMGICATYRRCGFISSKQDESYKSPGKHGWNVYITSEEG 300  
DB 241 NAGIIGGVLVVLIYAVITMGICATYRRCGFISSKQDESYKSPGKHGWNVYITSEEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 5  
US-09-902-853-423  
Sequence 423, Application US/09902853  
Publication No. US20020192659A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerdler, Hanspeter  
APPLICANT: Gertsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/902,853  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: US/09/665,350  
PRIOR FILING DATE: 2000-09-18  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: PCT/US99/20594  
PRIOR FILING DATE: 1999-09-08  
PRIOR APPLICATION NUMBER: PCT/US99/20944  
PRIOR FILING DATE: 1999-09-13  
PRIOR APPLICATION NUMBER: PCT/US99/21090  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/21547  
PRIOR FILING DATE: 1999-09-15  
PRIOR APPLICATION NUMBER: PCT/US99/23089  
PRIOR FILING DATE: 1999-10-05  
PRIOR APPLICATION NUMBER: PCT/US99/28214  
PRIOR FILING DATE: 1999-11-29  
PRIOR APPLICATION NUMBER: PCT/US99/28313  
PRIOR FILING DATE: 1999-11-30  
PRIOR APPLICATION NUMBER: PCT/US99/28564  
PRIOR FILING DATE: 1999-12-02  
PRIOR APPLICATION NUMBER: PCT/US99/28565

;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/30095  
;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO: 423  
;; LENGTH: 310  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-09-902-853-423

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 2.5e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

1 MALSRRLRLYLARLPHEFLLLFRGCMTEAVNLKSSNNRPVHFESEVELSCIITHSQT 60  
1 MALRRPRLRLCARLPDEFLLFRGLGAVNLKSSNRPVQEFSEVELSCIITHDSQT 60  
61 SDPRIEMKKIQDGGTTTYYFFDNKIOGDLGRPTDVEGKTSLRIMNTRSDSAIYRCEVAL 120  
61 SDPRIEMKKIQDGGTTTYYFFDNKIOGDLGRPTDVEGKTSLRIMNTRSDSAIYRCEVAL 120  
121 NDRKEVDEITIELIVQVKVPVPCRIPAAVPVGKATATLOCGSEGYPRPHYSMYRNDVPL 180  
121 NDRKEVDEITIELIVQVKVPVPCRIPAAVPVGKATATLOCGSEGYPRPHYSMYRNDVPL 180  
181 PTDSRANPRFONSSFFHNSSETGLVFNAVHKDSCGYCIAINDGAARCEQDMEVYDL 240  
181 PTDSRANPRFONSSFFHNSSETGLVFNAVHKDSCGYCIAINDGAARCEQDMEVYDL 240  
241 NIAGIIGVLYLVLYAVITMGICCAVYRGCFISSKODGESYKSPGKHGVNVIYRTSEEG 300  
241 NIAGIIGVLYLVLYAVITMGICCAVYRGCFISSKODGESYKSPGKHGVNVIYRTSEEG 300  
301 DFRHKSFPVI 310  
301 DFRHKSFPVI 310  
301 DFRHKSFPVI 310

RESULT 6  
US-10-033-244-20

Sequence 20, Application US/10033244  
Publication No. US2002019268A1  
GENERAL INFORMATION:

;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Pan, James  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watanabe, Colin K.  
;; APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2930R1C2  
CURRENT APPLICATION NUMBER: US/10/033.244  
PRIOR FILING DATE: 2001-12-27  
PRIOR APPLICATION NUMBER: 60/095.325  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/112.851  
PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/113.145

;; PRIOR FILING DATE: 1998-12-16  
;; PRIOR APPLICATION NUMBER: 60/113.511  
;; PRIOR FILING DATE: 1998-12-22  
;; PRIOR APPLICATION NUMBER: 60/115.558  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115.565  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115.733  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/119.341  
;; PRIOR FILING DATE: 1999-02-09  
;; PRIOR APPLICATION NUMBER: 60/119.537  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/119.965  
;; PRIOR FILING DATE: 1999-02-12  
;; PRIOR APPLICATION NUMBER: 60/162.506  
;; PRIOR FILING DATE: 1999-10-29  
;; PRIOR APPLICATION NUMBER: 60/170.262  
;; PRIOR FILING DATE: 1999-12-09  
;; PRIOR APPLICATION NUMBER: 60/187.202  
;; PRIOR FILING DATE: 2000-03-03  
;; PRIOR APPLICATION NUMBER: PCT/US99/12252  
;; PRIOR FILING DATE: 1999-06-02  
;; PRIOR APPLICATION NUMBER: PCT/US99/28634  
;; PRIOR FILING DATE: 1999-12-01  
;; PRIOR APPLICATION NUMBER: PCT/US99/28551  
;; PRIOR FILING DATE: 1999-12-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/03565  
;; PRIOR FILING DATE: 2000-02-11  
;; PRIOR APPLICATION NUMBER: PCT/US00/04414  
;; PRIOR FILING DATE: 2000-02-22  
;; PRIOR APPLICATION NUMBER: PCT/US00/05841  
;; PRIOR FILING DATE: 2000-03-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/08439  
;; PRIOR FILING DATE: 2000-03-30  
;; PRIOR APPLICATION NUMBER: PCT/US00/14941  
;; PRIOR FILING DATE: 2000-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US00/15264  
;; PRIOR FILING DATE: 2000-06-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/32678  
;; PRIOR FILING DATE: 2000-12-01  
;; NUMBER OF SEQ ID NOS: 38  
;; SEQ ID NO: 20  
;; LENGTH: 310  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-033-244-20

Query Match 86.3%; Score 1409; DB 9; Length 310;  
Best Local Similarity 85.8%; Pred. No. 2.5e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

1 MALSRRLRLYLARLPHEFLLLFRGCMTEAVNLKSSNNRPVHFESEVELSCIITHSQT 60  
1 MALRRPRLRLCARLPDEFLLFRGLGAVNLKSSNRPVQEFSEVELSCIITHDSQT 60  
61 SDPRIEMKKIQDGGTTTYYFFDNKIOGDLGRPTDVEGKTSLRIMNTRSDSAIYRCEVAL 120  
61 SDPRIEMKKIQDGGTTTYYFFDNKIOGDLGRPTDVEGKTSLRIMNTRSDSAIYRCEVAL 120  
121 NDRKEVDEITIELIVQVKVPVPCRIPAAVPVGKATATLOCGSEGYPRPHYSMYRNDVPL 180  
121 NDRKEVDEITIELIVQVKVPVPCRIPAAVPVGKATATLOCGSEGYPRPHYSMYRNDVPL 180  
181 PTDSRANPRFONSSFFHNSSETGLVFNAVHKDSCGYCIAINDGAARCEQDMEVYDL 240  
181 PTDSRANPRFONSSFFHNSSETGLVFNAVHKDSCGYCIAINDGAARCEQDMEVYDL 240  
241 NIAGIIGVLYLVLYAVITMGICCAVYRGCFISSKODGESYKSPGKHGVNVIYRTSEEG 300  
241 NIAGIIGVLYLVLYAVITMGICCAVYRGCFISSKODGESYKSPGKHGVNVIYRTSEEG 300  
301 DFRHKSFPVI 310

Db 301 DFRHKSFEVI 310

RESULT 7  
US-09-907-824-423

; Sequence 423, Application US/09907824  
; Publication No. US20020197671A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Bolstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gertslen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT FILING DATE: 2001-07-17  
; PRIOR APPLICATION NUMBER: US/09/907,824  
; PRIOR FILING DATE: 2001-07-17  
; PRIOR APPLICATION NUMBER: 09/665,350  
; PRIOR FILING DATE: 2000-09-18  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 423  
; LENGTH: 310  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-09-907-824-423

Query Match 86.3%, Score 1409, DB 9, Length 310;  
Best Local Similarity 85.8%, Pred. No. 2,5e-89;  
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

QY 1 MALSRRLRLRYARPHFLLLLFRGCMIEVNLKSSNRNPVHFESEVLSCTITHSOT 60  
DB 1 MALRRPRLRLCARLPDFLLLFRCGLGAVNLKSSNRTPVDFEVEVLSCTITDSOT 60  
QY 61 SDPRLEMKIODGOTYYVFNKIOGLAGRTDVGKTSLRIMVTRSDAAYRCEVAL 120  
DB 61 SDPRLEMKIODEQTTYYFEDNKIOGLAGRAELIGKTSLKIMVTRSDALYRCEVAR 120  
QY 121 NDRKVEDEITTELYQVAPVTPVCRIPAAPVYGKTATLQCOSESGYPPPHYSWRNDVPL 180  
DB 121 NDRKIDEIVIELTVQVAPVTPVCRPAVPGKMATLHCOSESGHPPPHYSWRNDVPL 180  
QY 181 PTDSRANRPFONSPFHVNSEGTIVFNVHKDDSGOYCIASNDGARCSEGDMEVYDL 240  
DB 181 PTDSRANRPFNSFHLNSEGTIVFNVHKDDSGOYCIASNDGARCSEGDMEVYDL 240  
QY 241 NIAGIGVVLVLAIVTMGICCAVRGCFISSKODGESYKSPGKHGQVNYIRTSEEG 300  
DB 241 NIAGIGVVLVLAIVLTIGICCAVRGCFINNKODGESYKSPGKHGQVNYIRTDEEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310

RESULT 8

US-09-907-841-423  
; Sequence 423, Application US/09907841  
; Publication No. US20020198366A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Bolstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gertslen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT FILING DATE: 2001-11-20



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; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-841-423
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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 2.5e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;
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QY 1 MALSRRLRLTARLPDPHFLLLFRGCMTEAVNLKSSNPNPVVHEFESEVLSCTIHSOT 60
DB 1 MALRRPRRLRLCARLPDPFLLLFRGCLGAVNLKSSNTPPVVOEFSEVLSCTIHSOT 60
QY 61 SDPRIEMKKIODEQTYYVFDNKKIOGDLARTDVGKTSLSLRIMWYRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEQTYYVFDNKKIOGDLARTDVGKTSLSLRIMWYRSDSAIYRCEVAL 120
QY 121 NDRKEVDEITELIVQVKFVTPVCRIPAAVPMGKATATLOCESEGYPRPHYSWYRNDVPL 180
DB 121 NDRKEIDEIVIELTVQVKFVTPVCRIPAAVPMGKATATLOCESEGYPRPHYSWYRNDVPL 180
QY 181 PTDSSRANPRFONSSFRVNSSETGTVFNNAVHKDSDSGYCYCLASNDAGAACCEGDMEVYDL 240
DB 181 PTDSSRANPRFONSSFRVNSSETGTVFNNAVHKDSDSGYCYCLASNDAGAACCEGDMEVYDL 240
QY 241 NTAGIIGVLLVLIYLAVTMGICCAVRRGCFISSKODESEYSPGKHGVNYIRTSEEG 300
DB 241 NTAGIIGVLLVLIYLAVTMGICCAVRRGCFISSKODESEYSPGKHGVNYIRTSEEG 300
QY 301 DFRHKSSFVYI 310
DB 301 DFRHKSSFVYI 310
; US-09-904-011-423
; Sequence 423, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Getlitsen, Mary E.
```

```

; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,011
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-904-011-423
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Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 2.5e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;
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QY 1 MALSRRLRLTARLPDPHFLLLFRGCMTEAVNLKSSNPNPVVHEFESEVLSCTIHSOT 60
DB 1 MALRRPRRLRLCARLPDPFLLLFRGCLGAVNLKSSNTPPVVOEFSEVLSCTIHSOT 60
QY 61 SDPRIEMKKIODEQTYYVFDNKKIOGDLARTDVGKTSLSLRIMWYRSDSAIYRCEVAL 120
DB 61 SDPRIEMKKIODEQTYYVFDNKKIOGDLARTDVGKTSLSLRIMWYRSDSAIYRCEVAL 120
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121 NDRKEIDIVELIYQVPTVPCVPAVAVPVKATLHCQSESEHPPPHYSWYNDVPL 180  
QY 181 PTDSRANRPFONSSRHVNSFETGLTFVNAVHKDDSGQYCYCIASNDGAARCEQDMVEYDL 240  
181 PTDSRANRPFONSSRHVNSFETGLTFVNAVHKDDSGQYCYCIASNDGAARCEQDMVEYDL 240  
QY 241 NIAGIIGVVLVLAIVITMGICAYRGCFFISSKODESEYKSPKHDGVNITRTSEB 300  
241 NIAGIIGVVLVLAIVITMGICAYRGCFFISSKODESEYKSPKHDGVNITRTSEB 300  
QY 301 DFRHKSFEVI 310  
301 DFRHKSFEVI 310  
Db 301 DFRHKSFEVI 310

RESULT 10  
-028-072-538  
ence 538, Application US/10028072  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tunas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028.072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
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PRIOR FILING DATE: 1998-03-31  
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; PRIOR FILING DATE: 1998-07-07

Query Match      86.3%; Score 1409; DB 9; Length 310;
Best Local Similarity 85.8%; Pred. No. 2.5e-89;
Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps

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QY      61 SDPRLEMKRIDGGTYTYYPNKKIOGDLAGFTDVGKTSLRINWVTSDSAIYCEVAL 120
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DB       61 SDPRLEMKRIDGGTYTYYFPNNKIÖGDLAGRAEILGKTSLSINWVTBRDSALYRCEVAR 120
QY      121 NDRKEVDDEITTELIAQVYPVPCRIPAAYPVGKTATLOCESEBGYPHYSWYRNDVPL 180
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB       121 NDRKIDIDEIVELIYQVKPYPTVCGRVAKRAYVGAMATLLHCESGCHRPKH SWYRNDVPL 180
QY      181 PTDSRANRFONSSFVNSETGTVLVNAVHKDDSGQYCYCIASNDAGAARCEGODEMYDL 240
        ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB       181 PTDSRANRFNRSFHLNSEGTGLVFPAVHKDDSGQYCYCIASNDAGSARCEGDEMEYYDL 240
QY      241 NIAGIGGVLVVLYLVAVITMGICCARRGCFISSKODGEYSKPGKHGYNTIRTSSEG 300
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DB       241 NIGGIIGGVLVVLYLVALLITLGICCAVRGVIINNKGDESYPKPKPDGYNVTRTDEEG 300
QY      301 DFRHKSSFVI 310
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DB       301 DFRHKSSFVI 310

RESULT 11
US-09-909-320-423
: Sequence 423, Application US/09909320
: Patent No. US20020132240A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grunewald, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paonli, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/909,320
: CURRENT FILING DATE: 2002-01-04
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
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; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-909-320-423
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Query Match 86.3%; Score 1409; DB 10; Length 310;

Best Local Similarity 85.8%; Pred. No. 2,5e-89;

Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

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QY 1 MALSRRLRLYLARLPHPFLLLFRGCMIEAVNLKSSNNRPVYHFESEVELSCIITHSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRPVVOEFSEVELSCIITDSQT 60
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QY 301 DFRHKSSEFYI 310
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RESULT 12  
US-09-909-088B-423

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; Sequence 423, Application US/09909088B
; Patent No. US20020146709A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
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; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerilsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kiljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,088B
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
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; PRIOR FILING DATE: 1999-12-02
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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-909-088B-423
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Query Match 86.3%; Score 1409; DB 10; Length 310;

Best Local Similarity 85.8%; Pred. No. 2,5e-89;

Matches 266; Conservative 18; Mismatches 26; Indels 0; Gaps 0;

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QY 1 MALSRRLRLYLARLPHPFLLLFRGCMIEAVNLKSSNNRPVYHFESEVELSCIITHSQT 60
DB 1 MALRRPRLRLCARLPDFLLLLFRGCLIGAVNLKSSNRPVVOEFSEVELSCIITDSQT 60
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Qy 301 DFRHKSSEFVI 310
Db 301 DFRHKSSEFVI 310

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: PRIOR APPLICATION NUMBER: PCT/US99/28654
: PRIOR FILING DATE: 1999-12-01
: PRIOR APPLICATION NUMBER: PCT/US99/28551
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US00/03565
: PRIOR FILING DATE: 2000-02-11
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: PCT/US00/05841
: PRIOR FILING DATE: 2000-03-02
: PRIOR APPLICATION NUMBER: PCT/US00/08439
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: PCT/US00/14941
: PRIOR FILING DATE: 2000-05-30
: PRIOR APPLICATION NUMBER: PCT/US00/15264
: PRIOR FILING DATE: 2000-06-02
: PRIOR APPLICATION NUMBER: PCT/US00/32678
: PRIOR FILING DATE: 2000-12-01
: NUMBER OF SEQ ID NOS: 38
: SEQ ID NO 20
: LENGTH: 310
: TYPE: PRN
: ORGANISM: Homo sapiens
US-10-033-246-20

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Query Match	86.3%	Score 1409:	DB 12:	Length 310:	
Best Local Similarity	85.8%	Pred. No. 2.5e-89:			
Matches 266:	Conservative 18:	Mismatches 26:	Indels 0:	Gaps 0:	

  

QY	1	MALSRRLRLRLVARLPHPEFLLLPFGCMIEAVNLKSSNNRPVHFESEVELSCITTHSQT	60
DB	1	MALRRPRLRLCARLPDFELLLPFGCLIGAVNLKSSNNRPVGESEVELSCITTSQT	60
QY	61	SDPRLLEMKKIQDGQTTYYVYFDNKKIGDLAGRPDVGKTSLRIMNVTTRSSALTYRCEVAL	120
DB	61	SDPRLLEMKKIQDEQTTYYVFDNKKIGDLAGRAELIGKTSLSLRIMNVTTRSDALTYRCEVAR	120
QY	121	NDKRKVEDETTIELIYQVNPVTPVCRIPAAVNPVGTATTLOCOSEGYPRPHYSMYRNDVPL	180
DB	121	NDKRKIDELIELIYQVNPVTPVCRIPAAVNPVGTATTLCOSEEGHPRPHYSMYRNDVPL	180
QY	181	PTDSRANRPFONSSFHVNSEGTGLVFNAVHKDDSGQYCYCIASNDAGAARCEGDMEVYDL	240
DB	181	PTDSRANRPFRSSPHLNSESTGLTFAVHKDDSGQYCYCIASNDAGSARCEQEMEYVDL	240
QY	241	NIAGIIGVLYVLYLAVITMGLICCAVRRGCTISSKODESKTSKSGKHGVYVIRTSSEG	300
DB	241	NIGGIIGVLYVLYLAVLITLGLICCAVRRGYEINNKODESKYKNGKPGGVNYIRTDSEG	300
QY	301	DFRRKSSFYI 310	
DB	301	DFRRKSSFYI 310	

  

RESULT 14	
US-10-033-301-20	
: Sequence 20, Application US/10033301	
: Patent No. US20020098506A1	
: GENERAL INFORMATION:	
: APPLICANT: Botstein, David	
: APPLICANT: Desnoyers, Luc	
: APPLICANT: Ferrara, Napoleone	
: APPLICANT: Fong, Sherman	
: APPLICANT: Gao, Wei-Qiang	
: APPLICANT: Goddard, Audrey	
: APPLICANT: Gurney, Austin L.	
: APPLICANT: Pan, James	
: APPLICANT: Roy, Margaret Ann	
: APPLICANT: Stewart, Timothy A.	
: APPLICANT: Tumas, Daniel	
: APPLICANT: Watanabe, Colin K.	
: APPLICANT: Wood, William I.	
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic	

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: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: P2930R1C6
: CURRENT APPLICATION NUMBER: US/10/033,301
: CURRENT FILING DATE: 2001-12-27
: PRIOR APPLICATION NUMBER: 60/095,325
: PRIOR FILING DATE: 1998-08-04
: PRIOR APPLICATION NUMBER: 60/112,851
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,145
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,511
: PRIOR FILING DATE: 1998-12-22
: PRIOR APPLICATION NUMBER: 60/115,558
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,565
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,733
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/119,341
: PRIOR FILING DATE: 1999-02-09
: PRIOR APPLICATION NUMBER: 60/119,537
: PRIOR FILING DATE: 1999-02-10
: PRIOR APPLICATION NUMBER: 60/119,965
: PRIOR FILING DATE: 1999-02-12
: PRIOR APPLICATION NUMBER: 60/162,506
: PRIOR FILING DATE: 1999-10-29
: PRIOR APPLICATION NUMBER: 60/170,262
: PRIOR FILING DATE: 1999-12-09
: PRIOR APPLICATION NUMBER: 60/187,202
: PRIOR FILING DATE: 2000-03-03
: PRIOR APPLICATION NUMBER: PCT/US99/12252
: PRIOR FILING DATE: 1999-06-02
: PRIOR APPLICATION NUMBER: PCT/US99/28634
: PRIOR FILING DATE: 1999-12-01
: PRIOR APPLICATION NUMBER: PCT/US99/28551
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US00/03565
: PRIOR FILING DATE: 2000-02-11
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: PCT/US00/05841
: PRIOR FILING DATE: 2000-03-02
: PRIOR APPLICATION NUMBER: PCT/US00/08439
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: PCT/US00/14941
: PRIOR FILING DATE: 2000-05-30
: PRIOR APPLICATION NUMBER: PCT/US00/15264
: PRIOR FILING DATE: 2000-06-02
: PRIOR APPLICATION NUMBER: PCT/US00/32678
: PRIOR FILING DATE: 2000-12-01
: NUMBER OF SEQ ID NOS: 38
: SEQ ID NO 20
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-033-301-20

Query Match      86.3%: Score 1409: DB 12: Length 310:
Best Local Similarity 85.8%: Pred. No. 2.5e-89:
Matches 266: Conservative 18: Mismatches 26: Indels 0: Gaps 0:

OY 1 MALSRRRLRLRYARLPVPHFLLLPFGCMIEAVNLKSSNNRPVPHFESEVELSCIITHSOT 60
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DB 1 MALRRPRLRLCARLPDFLLLPFGCLIGAVNLKSSNRPVVOFESEVELSCIITDSOT 60
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 61 SDRPHEMKKIDGQTTYYVEDNKKIOGDLGRTDVFQKTSILRIWNTVRSDAIYRCEVAL 120
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 61 SDRPHEMKKIDGQTTYYVEDNKKIOGDLGRTDVFQKTSILRIWNTVRSDAIYRCEVAL 120
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OY 121 NDRKEVDTEITLIVQVRYTPVCRIIPAAYPVGKATATLQCSSEGVPRHYGMYRNDVPL 180
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 121 NDRKEIDEIVELTVQVRYTPVCRIIPAAYPVGKATATLQCSSEGVPRHYGMYRNDVPL 180
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OY 181 PTDSRANRPFONSSPHVNSEGTGLVFNAVHKRDSGQYYCIASNDAGARCEGDMENVYL 240
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DB 181 PTDSRANRPFONSSPHVNSEGTGLVFNAVHKRDSGQYYCIASNDAGARCEGDMENVYL 240
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
OY 241 NIAGTIGVLLVLYAVITMGICATRGCFISKDGEYSKSPGRHDSYNYITRTSEEG 300
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 241 NIGGIGIGVLLVAVLALITIGICAVRGGYFINKKDGESYKNDGKRGVNYITRTDEEG 300
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OY 301 DFRHKSFFVI 310
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DB 301 DFRHKSFFVI 310
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RESULT 15
US-10-033-326-20
: Sequence 20, Application US/10033326
: Patent No. US20020098507A1
: GENERAL INFORMATION:
: APPLICANT: Bolstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2930R1C8
: CURRENT APPLICATION NUMBER: US/10/033,326
: CURRENT FILING DATE: 2001-12-27
: PRIOR APPLICATION NUMBER: 60/095,325
: PRIOR FILING DATE: 1998-08-04
: PRIOR APPLICATION NUMBER: 60/112,851
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,145
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,511
: PRIOR FILING DATE: 1998-12-22
: PRIOR APPLICATION NUMBER: 60/115,558
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,565
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,733
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/119,341
: PRIOR FILING DATE: 1999-02-09
: PRIOR APPLICATION NUMBER: 60/119,537
: PRIOR FILING DATE: 1999-02-10
: PRIOR APPLICATION NUMBER: 60/119,965
: PRIOR FILING DATE: 1999-02-12
: PRIOR APPLICATION NUMBER: 60/162,506
: PRIOR FILING DATE: 1999-10-29
: PRIOR APPLICATION NUMBER: 60/170,262
: PRIOR FILING DATE: 1999-12-09
: PRIOR APPLICATION NUMBER: 60/187,202
: PRIOR FILING DATE: 2000-03-03
: PRIOR APPLICATION NUMBER: PCT/US99/12252
: PRIOR FILING DATE: 1999-06-02
: PRIOR APPLICATION NUMBER: PCT/US99/28634
: PRIOR FILING DATE: 1999-12-01
: PRIOR APPLICATION NUMBER: PCT/US99/28551
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US00/03565
: PRIOR FILING DATE: 2000-02-11
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: PCT/US00/05841
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GenCore version 5.1.3  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 15, 2003, 17:22:22 : Search time 13.5 Seconds  
(without alignments)  
675.637 Million cell updates/sec

Title: US-09-524-531C-13

Perfect score: 1633

Sequence: 1 MALSRRLRLRYARLPHPFL.....VNYIRTSREGDFRRKSSRFVI 310

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

31 number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents-AA:\*

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5: /cgn2\_6/ptodata/1/1aa/PCITUS.COMB.pep:\*  
6: /cgn2\_6/ptodata/1/1aa/Backfill1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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1	498	30.5	298	4	US-09-152-060-76
2	478	29.3	312	4	US-09-254-465A-9
3	449.5	27.5	300	4	US-09-254-465A-10
4	415	25.4	299	4	US-09-188-930-331
5	415	25.4	299	4	US-09-462-270-2
6	415	25.4	299	4	US-09-254-465A-1
7	403	24.7	299	4	US-09-188-930-189
8	381.5	23.4	260	4	US-09-254-465A-23
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18	197.5	12.1	387	4	US-09-175-928-2
19	173.5	10.6	365	4	US-08-928-383B-2
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21	172.5	10.6	365	4	US-09-272-496-2
22	172.5	10.6	370	4	US-09-336-536-28
23	171.5	10.5	341	4	US-09-336-536-29
24	171.5	10.5	390	2	US-08-979-424-1
25	167.5	10.3	365	4	US-09-336-536-40
26	167.5	10.3	394	4	US-09-336-536-39
27	166	10.2	1101	3	US-08-986-485-2

28	161.5	9.9	246	4	US-09-336-536-31	Sequence 31, Appl
29	160	9.8	869	1	US-08-374-834-16	Sequence 16, Appl
30	160	9.8	869	2	US-08-644-221-29	Sequence 29, Appl
31	160	9.8	869	4	US-09-077-955-33	Sequence 33, Appl
32	156.5	9.6	365	4	US-08-928-383B-23	Sequence 23, Appl
33	156.5	9.6	365	4	US-08-928-383B-24	Sequence 24, Appl
34	151.5	9.3	365	4	US-08-928-383B-26	Sequence 26, Appl
35	151	9.2	1091	3	US-08-986-485-5	Sequence 5, Appl
36	150	9.2	1297	4	US-09-540-245A-17	Sequence 17, Appl
37	148	9.1	607	2	US-08-752-307B-12	Sequence 12, Appl
38	148	9.1	607	4	US-09-707-802-12	Sequence 12, Appl
39	148	9.1	607	4	US-09-991-326-12	Sequence 12, Appl
40	147.5	9.0	501	2	US-08-408-095-31	Sequence 31, Appl
41	147	9.0	95	4	US-08-928-383B-18	Sequence 18, Appl
42	147	9.0	1395	4	US-09-540-245A-15	Sequence 15, Appl
43	146.5	9.0	478	5	PCT-US95-08493-15	Sequence 15, Appl
44	146.5	9.0	860	5	PCT-US95-08493-19	Sequence 19, Appl
45	146.5	9.0	868	5	PCT-US95-08493-21	Sequence 21, Appl

## ALIGNMENTS

RESULT 1

US-09-152-060-76

Sequence 76, Application US/09152060

Patent No. 6448230

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: 28 Human Secreted Proteins

FILE REFERENCE: P2003p1.US

CURRENT APPLICATION NUMBER: US/09/152,060

CURRENT FILING DATE: 1998-09-11

EARLIER APPLICATION NUMBER: PCT/US98/04858

EARLIER FILING DATE: 1998-03-12

EARLIER APPLICATION NUMBER: 60/040,762

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/040,710

EARLIER FILING DATE: 1997-03-14

EARLIER APPLICATION NUMBER: 60/050,934

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,100

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,357

EARLIER FILING DATE: 1997-05-30

EARLIER APPLICATION NUMBER: 60/048,970

EARLIER FILING DATE: 1997-06-06

EARLIER APPLICATION NUMBER: 60/068,368

EARLIER FILING DATE: 1997-12-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 76

LENGTH: 298

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: SITE

LOCATION: (42)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

FEATURE:

NAME/KEY: SITE

LOCATION: (58)

OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

US-09-152-060-76

Query Match

Best Local Similarity 37.0%; Pred. No. 4.3e-42;

Matches 117; Conservative 61; Mismatches 112; Indels 26; Gaps 9;

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Db 1 MARSRHRL-----LLLRRLVLAALGKHYGFSAPKDDQVAVVYQEAIIAC-K 51
Oy 56 THSOTSPRIEMKKIODGQITYYVDFDKIOGDLAIPDVGKTSLRIMNTRSDSAIYRC 115
Db 52 TPKKTIVASRLKMKL-GRSVSFYVYQOTLOODEFKNRKEMI-DEIIRIKNVTTRSDAGKYRC 109
Oy 116 EVALANDR-KEVEDEITIELIVQVAPVTPVGRIPAAVAVGKATATLOCESEGEYRPHYSW 174
Db 110 EVSAPSEGGQNLBEDTYTLEVLVAAPAVPSCVEPSSALSGIVVELRCQDKRGNPAPETWTF 169
Oy 175 RNDVPLPPTDSAMPNRFONSSFFHVNSEFGLTVFNAVHKDDSGQIYCIASNDAGARCEGOD 234
Db 170 KDGIIRLLENPRLAGSOSTNSYTMNTKGTLOFNTVSKLIDGVEYSCEARNSVGYRCPGKR 229
Oy 235 MEVVDLNLNAGIIGVVLVLYLVLYLNTMGICARVRCGFISKSQDGESEKSPGKHGQVNTI 234
Db 230 MQVVDLNLNAGIILVAVVAVVAVIYVCGIGVCAORRGYF--SKE-----TSFOKSNSSSKA 282
Oy 295 RTSEGEGRFHHKSFVI 310
Db 283 TTMSENDKHTKTSFII 298

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RESULT 2
US-09-254-465A-9
: Sequence 9, Application US/09254465A
: Patent No. 6410708
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
: FILE REFERENCE: P1216R1(US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: CURRENT FILING DATE: 1999-03-05
: PRIOR APPLICATION NUMBER: PCT/US98/24855
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: US 60/066,364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/078,936
: PRIOR FILING DATE: 1998-03-20
: PRIOR APPLICATION NUMBER: PCT/US98/19437
: PRIOR FILING DATE: 1998-09-17
: NUMBER OF SEQ ID NOS: 30
: SEQ ID NO 9
: LENGTH: 312
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-254-465A-9

Query Match      29.3%; Score 478; DB 4; Length 312;
Best Local Similarity 36.3%; Pred. No. 4.8e-40;
Matches 110; Conservative 62; Mismatches 109; Indels 22; Gaps 8

QY      3  LSRRLRLRLRYALPHFILLFRGCM-----EAVNLKSSNNPNVH--EFESVELSCII 55
      1  WARRRRHR-----LILLRLYLVALGLYKAYGFSAPKQOQVTAVEYDAILAC-K 51
      56  THSQSDPRLIEWKKIQDQGTYYVFDNKKIQGLDAGRTDFGKTSRLINWTFSDSAIYRC 115
      52  TPKKTIVSSLEMKKL-GRSVSYFYQQLTQDGFKNNAEMI-DENIRIKKWTFSDAQKYRC 109
      QY      116  EVVALNDR-KENVDETTIELIVQKPYTPVCRIPAAVPVCKTITLQCOQSEGTGPRPHYSW 174
      110  EVASGEQGNLEETVTLLEVLAAPVSCCEVPSSALSTGVELRCQDENGDPAPETWF 169

```

QY	175	RNDVPLPDSRANRPFQSSFHVNSEGLTVFNVAHDKDSGGYYCIASNDAGARCGOD	234
		:::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::  ::	
Db	170	KDGIRLLENPLRGSOSTSVYMTTKGTLOFNVSXLDLPGEYSCEARNSVGRPCGKR	229
QY	235	MEVDNLNAGIIGVILVLYLAVITMGCICAVRGCFF--ISSKDGESYKSPGRHDV	291
		: :	
Db	230	MOVDLNLISGIIAAVVVALVIVSGLCGYCAQRKGFYSKETSFQKSNSSSKATPMSENV	289
QY	292	NYI 294	
		::	
Db	290	QWL 292	

```

RESULT 3
US-09-254-465A-10
; Sequence 10, Application US/09254465A
; Patent No. 6410708
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 10
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-254-465A-10

Query Match 27.5%; Score 449.5; DB 4; Length 300;
Best Local Similarity 34.2%; Pred. No. 3,3e-37;
Matches 102; Conservative 64; Mismatches 117; Indels 15; Gaps
7;

QY 20 LLLFRGCMIEAV-----NLKSSNNRPVHEFESEVELSCIITHSOTSDPRLEMKKIQQQ 74
| | | : : : : : | : : : : : | : : : : : | : : : : : |
Db 11 LLEFLTSMGLGSLVQCKGSVYTAQSDVQPENESIKLNC--TYSGFSSPRVEMKRFQGST 68
| | | : : : : : | : : : : : | : : : : : | : : : : : |
QY 75 TTYVEFDNKIQSDLAGRIDVPEKTSIRIMNRRSDSAIRCEVVALNDKKEVDLTIELI 134
| | | : : : : : | : : : : : | : : : : : | : : : : : |
Db 69 TALVCTNSOITAPYADRV--TFSSSGITTSVTRKDNGETTC--MVSBEQGQNGEVSIIHLT 126
| | | : : : : : | : : : : : | : : : : : | : : : : : |
QY 135 VOVKRVTTPVCRIIPAANVPGKATITLCOESEGYPPHYMYRWNDVLP--DSRANPRFQNS 193
| | | : : : : : | : : : : : | : : : : : | : : : : : |
Db 127 VLVPSKPTISVPSSTVIGNRAVLVLCSEHDSPPSESYFMRKGISLMTFADAKKTRAFMNS 186
| | | : : : : : | : : : : : | : : : : : | : : : : : |
QY 194 SHVWSEGTGLVFNAVHKDDSGQYCIASNDGAA--RCGQDMVEYDLINAGIGVLYV 252
| | | : : : : : | : : : : : | : : : : : | : : : : : |
Db 187 SEITIDPKSDDLFDVDTAFDSEGEYCOAQNGGTAMRSPAAMDVAELVWGVIVAAVLVT 246
| | | : : : : : | : : : : : | : : : : : | : : : : : |
QY 253 LTVLAVITMGICAVARRGCFISSKODGESEYKSPGKHGDGVNVRTSEBQCFRRKSSFVI 310
| | | : : : : : | : : : : : | : : : : : | : : : : : |
Db 247 LILLGLLFGVWFATSRGIFETTKG---TAPGKKVIYSQSTNSEGFKQTSSTLV 300
| | | : : : : : | : : : : : | : : : : : | : : : : : |

```

```

US-09-188-930-331
/ Sequence 331, Application US/09188930A
/ Patent No. 6150502
/
/ GENERAL INFORMATION:
/
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Mathew
/ APPLICANT: Onrust, Rene
/ APPLICANT: Murlson, James Greg
/ TITLE OF INVENTION: Compositions Isolated From Skin Cells
/ TITLE OF INVENTION: and Methods For Their Use
/
/ FILE REFERENCE: 11000.1011C1
/
/ CURRENT APPLICATION NUMBER: US/09/188,930A
/
/ CURRENT FILING DATE: 1998-11-09
/
/ NUMBER OF SEQ ID NOS: 348
/
/ SOFTWARE: FastSeq for Windows Version 3.0
/
/ SEQ ID NO 331
/
/ LENGTH: 299
/
/ TYPE: PRF
/
/ ORGANISM: Human
/
/ 09-188-930-331

```

	25.4%: Score 415; DB 4; Length 299;	
Query Match	33.8%: Pred. No. 9.9e-34;	
Best Local Similarity	Matches 100; Conservative 50; Mismatches 132; Indels 14; Gaps 6;	
QY	18 FELLLEFRGCMIEAVNLKSSNRNPVHESESVELSCITTHSOTSDPRIEMKKRIQDGQTTY 77	
DB	15 FILAILLCSTALIGSTVTHSSPEVARIPENNPNKILSC--AYSGFSPPREVEMKDCDQDITRL 72	
QY	78 VFPAFKIQGDLAGRTDVGKTSRLRMWNTRSQAIYRCFEVVALNLRKEDETIELIYOY 137	
DB	73 VCYNNKITYASEDRN-FTLPTGITFKSYSTRDETGYTC-MVSEEGNSGVEKVALIY 130	
QY	138 KPVTPVCRIPAAVPYGKATATLQCESEGYPREHISWYRNDVLPDSDRANPRFONSFEV 197	
DB	131 PPSKPYVNIPISSATIGNAVLTCSQDQSSPSELYTMFKDGIYMPNPNPKSTRAFSNSSYVL 190	
QY	198 NSEGLTVFNVAVHRDDSGQYCIASNDGAARCEGO-EMEVYDLINAGIIGVALVLYVL 256	
DB	191 NPTGELVFDPLASDTCETGSCEARNGYGTPTSNAVMEANERWVGIVAAVLVTLTLL 250	
QY	257 AVITMGTCARRRCFJSSKODGESYKSPGKHGCVNYIRTS--EGCDPRHKSFPVI 310	
DB	251 GILVFGIMEAFASRGHFDRTKKGTSKK-----VIYSQPSARSGSEKQYSSFLV 299	

RESULT 5  
 09-462-270-2  
 Sequence 2, Application US/09462270  
 Patent No. 6358707  
 GENERAL INFORMATION:  
 APPLICANT: SmithKline Beecham Corporation  
 TITLE OF INVENTION: Human Flt Antigen: A Cell Surface  
 TITLE OF INVENTION: Receptor Involved in Platelet Aggregation  
 FILE REFERENCE: GH-70150US  
 CURRENT APPLICATION NUMBER: US/09/462,270  
 CURRENT FILING DATE: 2000-01-05  
 PRIOR APPLICATION NUMBER: 60/052,186  
 PRIOR FILING DATE: 1997-07-10  
 NUMBER OF SEQ. ID NOS.: 4  
 SOFTWARE: FASTSEQ for Windows Version 3.0  
 SEQ ID NO 2  
 LENGTH: 299  
 TYPE: PRT  
 ORGANISM: HOMO SAPIENS  
 OS-09-462-270-2

Query Match	25.4%	Score 415	DB 4	Length 299
Best Local Similarity	33.8%	Pred. No. 9,9e-34		
Matches 100	Conservative 50	Mismatches 132	Indels 14	Gaps 6

Db 15 FILAILLCSLADGVTYTHASSEPEVRIPENNPFKJLSC - AYSGFSPREAFEMFDDGDIRL 72

QY 78 VFYDNKIOGDLAGRFDVFGKTSLRIMWNTSRDSALYRCEVALNDKREVDITIELIVQY 131

Db 73 VCYNNKILIASYEDRY - TELPTGITFKSAYTRDQDTGYTC - MYSEEGNGYGEVKKLIYLV 130

QY 138 KPLVPVPCIPAAVYVGRKATLOCESEBEYPRPHYSWYNDVPLPLPDSANRPNFONSSPHV 197

Db 131 PPSKPTVYVIPSATITGNRAVLTCSEBODSPSEITWFEDGVLMPPLNPNSTAFNSSTVL 190

QY 198 NSETGVLVFNAAVHKDDSGQYCIASLNDAGAARCEQY - DMEYVDLNIAGIIGVLVVLVL 255

Db 191 NPPTGELVFDPLSDSDTGEYSCEARNGTGPMTSNAVMEZAVERNVCGIYVAVLVLTLL 250

QY 257 AVITMGICCAVRAQCFTSSKDDGSYSKPGKHDGYNVTRTS - RECDGRHHSSEVI 310

Db 251 GILVFGIWFATSRGHFDTRTKGTSASK - ----VYISQPARSEGEKQKJSSFLV 299

```

RESULT 6
US-09-254-465A-1
: Sequence 1, Application US/09254465A
: Patent No. 6410708
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi J.
: APPLICANT: Fong, Sherman
: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Napier, Mary A.
: APPLICANT: Thomas, Daniel
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
: OF DISEASES CHARACTERIZED BY A33-RELATED ANTIGENS
: FILE REFERENCE: P1216R1(US)
: CURRENT APPLICATION NUMBER: US/09/254,465A
: PRIORITY FILING DATE: 1999-03-05
: PRIOR APPLICATION NUMBER: PCT/US98/24855
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: US 60/066,364
: PRIOR FILING DATE: 1997-11-21
: PRIOR APPLICATION NUMBER: US 60/078,936
: PRIOR FILING DATE: 1998-03-20
: PRIOR APPLICATION NUMBER: PCT/US98/19437
: PRIOR FILING DATE: 1998-09-17
: NUMBER OF SEQ ID NOS: 30
: SEQ ID NO 1
: LENGTH: 299
: TYPE: PRT
: ORGANISM: Homo sapiens
: IS-09-254-465A-1

```

	25.4%: Score 415; DB 4; Length 289;	
	Best Local Similarity 33.8%: Pred. No. 9.9e-34;	
	Matches 100; Conservative 50; Mismatches 133; Indels 14; Gaps 6;	
QY	18 FLLLLFRCGMI EAVNLKSSNNRPVHFEFSEVELSCITTHSQTSQDPRIEMKRIQDGQTTY 77	
	: : : : :   : : : : :   : : : : :   : : : : :	
Db	15 FILMILLCSTLALGISTVATVSEPEVRI PENNNPVKLSC -AYSCFSSPPEVEMKFDQGGTRL 72	
QY	78 VFENKIQGLDLAGRIDVCGKTSLRIMWNTRSSALYRCFVALNBRKEVDELTIELIYQY 137	
	: : : : :   : : : : :   : : : : :   : : : : :	
Db	73 VCYNNKTIQASTYEDRR -TFLPTGIFTFKSYTRDETGYTC -MVSECGNSYGEYKVKILYIV 130	
QY	138 KPVTPVCRIPAAPVPGKATATLQCESECY PREHYSMYRNDVLPPTGDSRANPRFQSSFFHY 197	
	: : : : :   : : : : :   : : : : :   : : : : :	
Db	131 PSKPTVNIPESSATIGNRAVLTCSEQDQCSPPSEYTWFDGIVLPNNPKSTRAFSNSSVYL 190	
QY	198 NSEGLTLYFNAVHMDSDSQYCYCIASNDGAARCEGO -DMEYVDLNIAGISGLVLYVLIYL 256	
	: : : : :   : : : : :   : : : : :   : : : : :	
	191 NPTTGLLEFDPLSASDYGECSEAAENGCTGTPMSTNAVREAEVARNVGVIAVALPTLLIL 250	



```

; ORGANISM: Homo sapiens
US-09-254-465A-25

Query Match
Best Local Similarity 34.6%; Pred. No. 1.9e-30;
Matches 88; Conservative 43; Mismatches 118; Indels 5; Gaps 4;

OY 31 AVNLKSSNNPVVHEFESVLSCTIHTSOTSDPRIEMKKIQQGQTYVYVFDNKIQGDLNG 90
DB 8 SYTVHSSEPEVRIPENNPKLSC--AYSGFSSPRVEMKRDQGGTTRLVYNNKNTASYPD 65
OY 91 RFDVFGKTSLRIMNTRSDSAIYRCEVALNDRKEVDEITIELIYOVKVTPVCRIPAAV 150
DB 66 RV-TFLPTGITFKSVYREDTGYTC-MVSEEGNSYGEVKVLIYVPPSKPTVINIPSSA 123
OY 151 PVGKATATLQCESEGYPRPHYSMYRNDVPLPTDSRANPFPONSSFHVNSEGTGLVFNVAH 210
DB 124 TIGNRAVLTCSEDDGSPSEYTFMKDGIYVPTNPKSTRAFSNSSYVLNPTTGELVFDPLS 183

211 KDDSGQYVCIASNDGAARCEGO-DMEVYDLNAGIIGVLLVLIYVITMGICAYRR 269
184 ASDTGEYSCAARNGTPTPTSNAVRMEAVERNVGLAVALVTLILGLVFGIMFAYSRR 243

OY 270 GCFISSKODESEYK 283
DB 244 GHFDRTKKGTSSKK 257

RESULT 10
US-09-462-270-4
; Sequence 4, Application US/09462270
; Patent No. 6358707
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham Corporation
; TITLE OF INVENTION: Human Flt Antigen: A Cell Surface
; FILE REFERENCE: GH-7015005
; CURRENT APPLICATION NUMBER: US/09/462,270
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/052,186
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 205
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-4

Query Match
Best Local Similarity 33.5%; Pred. No. 1.1e-20;
Matches 64; Conservative 34; Mismatches 89; Indels 4; Gaps 3;

OY 18 FELLFLFRCCMEAVNLKSSNNRPVHFESEVLSCTIHTSOTSDPRIEMKKIQQGQTY 77
DB 15 FLTALITSLALGVTYHSSEPEVRIPENNPKLSC--AYSGFSSPRVEMKRDQGGTTRL 72
OY 78 VYFDKRIQGDLAGRTDVGKTSLRIMNTRSDSAIYRCEVALNDRKEVDEITIELIYOY 137
DB 73 VCYNNKRTIASYEDRV-TFLPTGITFKSVYREDTGYTC-MVSEEGNSYGEVKVLIYV 130
OY 138 KPVTPVCRIPAAVPVGKATATLQCESEGYPRPHYSMYRNDVPLPTDSRANPFPONSSFHV 197
DB 131 PPSKPTVINIPSSATIGNRAVLTCSEDDGSPSEYTFMKDGIYVPTNPKSTRAFSNSSYVL 190
OY 198 NSETGLVFNA 208
DB 191 NPTTGLVFES 201

RESULT 11
US-08-597-495B-22
; Sequence 22, Application US/08597495B
```

```

; Patent No. 5712369
; GENERAL INFORMATION:
; APPLICANT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
; APPLICANT: Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
; APPLICANT: Catline, B. J.; Hong, Burgess, Anthony W.;
; APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron
; TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,495B
; FILING DATE: 02-Feb-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/511,876
; FILING DATE: 04-Aug-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 5712369man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5316.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 319 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
US-08-597-495B-22

Query Match
Best Local Similarity 14.8%; Score 242.5; DB 1; Length 319;
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

OY 29 IEAVNLKSSNNRPVHFESEVLSCTIHTSOTS--DPRIEMKKIQQGQTYVYVFDNK 83
DB 19 VDAISVEPQDVLRLASQGSVTLPTCY-HTSSSRGLQMDKLLTHERVYVIFPSKK 77
OY 84 --IQDLDL-----AGRDVFGKTSLRIMNTRSDSAIYRCEVALNDRKEVDEITI 131
DB 78 NYIHGELYKNRYSISNNAEOSD---ASTITDQLTMAIDNGTEGCSVLSMDLEGNTKSRV 133
OY 132 ELIYOVKKPTVPVCRIPAAVPVGKATATLQCESEGYPRPHYSMYRNDV-----PLPTDSRA 186
DB 134 RLVLVAPPSPKPEGIGEGETIIGNNIQLTCQSEGSTPTQYSKKRYNLIHQEOPLKQPSAG 193
OY 187 NRPONSSFHVNSEGTGLVFNAVHRKDDSGOYVCIASNDAG-----AARCEGDMEVY 238
DB 194 QP-----VSLKNISDTSGYICTSSNEGQTQFCNITVAVRPSNNVALY 238
OY 239 DLNAGIIGVLLVLIYVITMGICAVRRCGFTISSKODG-----ESTKSPGKHGCVNYI 294
DB 239 ---GVIAVGVAALIIIGII-IYCCCGKGDNDTEDEKADARNREAVEEPPQOLRELSR 293
OY 295 RTSEEGDFRHK 305
DB 294 EREEDDYRQE 304

RESULT 12
US-09-068-051A-22
```

```
Sequence 22, Application US/09068051A
Patent No. 6291235
GENERAL INFORMATION:
APPLICANT: Old, Lloyd J.; Well, Sydney; Ritter, Gerd;
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
Cattmel, B.; Ji, Hong; Burgess, Anthony W.;
Heath, Joan K.; White, Sara J.; Johnstone, Cameron
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell
Associated Nucleic Acid Molecules, Protein And Peptides
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski LLP
STREET: 666 Fifth Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6291235man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5316.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 318-3168
TELEFAX: (212) 752-5958
INFORMATION FOR SEQ ID NO: 22
SEQUENCE CHARACTERISTICS:
LENGTH: 319 amino acids
TYPE: amino acid
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 22
US-09-068-051A-22

Query Match 14.8%, Score 242.5; DB 4; Length 319;
Best Local Similarity 25.7%, Pred. No. 2.6e-16;
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVLAKSSNNRPVYHEFESVELSCIITHSOTS--DPRIEMKKIQQGTTVYV---FDNK 83
DB 19 VDAISVERPOVYLARSQSKSVTLPCY-HITSSREGLIQMDKLLTHTERVYIMPFSSNK 77
QY 84 --IIGDL-----AGRTDFEGKTSLRIMWTRSDSAIYRCEVALNDRKEVDEIT 131
DB 78 NYIHGELKKNRYSISNNAEQSD---ASITTDQLTMADNGTECVSLMSDLEGNTKSRV 133
QY 132 ELIYQVKVTPYCRIPAVPVGKTAITLQCESEGYPRPHYSYRNDV-----PLPTDSRA 186
DB 134 RLVLVPPSKPECGIEGTITGNNTQLTCQSKESGSPROYSKRYNLIINOQPLAQPSAG 193
QY 187 NPRFONSSFHVNSEGTGLVFNAVHKDQGOYCYCIASNDAG-----AARCEGDMVEY 238
DB 194 QP-----VSLKNISTDTSGIYICTSSNEEGIOFCNITYAVNPSNNVALY 238
QY 239 DLNLAGIIGLVLLVLAIVTMGICAYRRGCFISSKQDG-----ESYKSPGKHGVNYI 294
DB 239 ---VGIAVGVAALIIIGII-ITYCCCGRKDDNTEDKEDARPNREAVEEPPEQLRELSR 293
QY 295 RTSEGDPRHK 305
DB 294 EREEDDYROE 304
```

```
RESULT 13
US-09-336-536-67
Sequence 67, Application US/09336536
Patent No. 640884
GENERAL INFORMATION:
APPLICANT: Leidy, K.
APPLICANT: McKay, C.
APPLICANT: Bossone, S.
TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
FILE REFERENCE: 7853-144
CURRENT APPLICATION NUMBER: US/09/336,536
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 67
LENGTH: 319
TYPE: PRT
ORGANISM: Homo sapiens
US-09-336-536-67

Query Match 14.8%, Score 242.5; DB 4; Length 319;
Best Local Similarity 25.7%, Pred. No. 2.6e-16;
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVLAKSSNNRPVYHEFESVELSCIITHSOTS--DPRIEMKKIQQGTTVYV---FDNK 83
DB 19 VDAISVERPOVYLARSQSKSVTLPCY-HITSSREGLIQMDKLLTHTERVYIMPFSSNK 77
QY 84 --IIGDL-----AGRTDFEGKTSLRIMWTRSDSAIYRCEVALNDRKEVDEIT 131
DB 78 NYIHGELKKNRYSISNNAEQSD---ASITTDQLTMADNGTECVSLMSDLEGNTKSRV 133
QY 132 ELIYQVKVTPYCRIPAVPVGKTAITLQCESEGYPRPHYSYRNDV-----PLPTDSRA 186
DB 134 RLVLVPPSKPECGIEGTITGNNTQLTCQSKESGSPROYSKRYNLIINOQPLAQPSAG 193
QY 187 NPRFONSSFHVNSEGTGLVFNAVHKDQGOYCYCIASNDAG-----AARCEGDMVEY 238
DB 194 QP-----VSLKNISTDTSGIYICTSSNEEGIOFCNITYAVNPSNNVALY 238
QY 239 DLNLAGIIGLVLLVLAIVTMGICAYRRGCFISSKQDG-----ESYKSPGKHGVNYI 294
DB 239 ---VGIAVGVAALIIIGII-ITYCCCGRKDDNTEDKEDARPNREAVEEPPEQLRELSR 293
QY 295 RTSEGDPRHK 305
DB 294 EREEDDYROE 304

RESULT 14
US-09-254-465A-6
Sequence 6, Application US/09254465A
Patent No. 6410708
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
CURRENT APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
```

PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO: 6  
LENGTH: 319  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-6

Query Match 14.8%; Score 242.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 2,6e-16;  
Matches 80; Conservative 49; Mismatches 123; Indels 59; Gaps 12;

QY 29 IEAVNLKSSNRNPVHFEPSVLSCTTHSOTS--DRIEMKKIQDGQTYVY---FDNK 83  
DB 19 VDAISVETPODVLRAISOGSVTLPCYV-HTSTSSREGLIQMDKLLTTHERVVYIMFPSNK 77  
84 --TGGD-----AGRTDVFCKTSLRMNVTRESDAIVCEVVALNDKREVEDEIT 131  
78 NTHGELKYNRSISNNAEQSD---ASTITDQLTMADNGTECSVLSMDLEGNTKSNV 133  
QY 132 ELIVQKPTVPCRIPAAPVPGTATLQCESEGYPRPHYSWYRNDY-----PLPTDSRA 186  
DB 134 RLVLVLPPEKPECGIEGETIIGNNIQLTQSKEGSPTPOYSMKRYNLIHQEQLAPASG 193  
QY 187 NRPONSSHHVNSEGTLVFNAVHKDDSGQYCIASNDAG-----AARCEGDMEVY 238  
DB 194 QP-----VSLKNISDTSTSGYICTSSNEGTOFCNITVAVRSPSMNVALY 238  
QY 239 DLNAGIIGVLVLIIVLAVITMGICAVRGCFFISSKODG---ESYKSPGKHDSVANI 294  
DB 239 ---VGIAVGVAALIIIGIT-IYCCCGCKGKDDNTEDKARNRPAAYEPQLRELSR 293  
QY 295 RTSEEGDFRRK 305  
DB 294 EREEDDYRQE 304

RESULT 15  
US-09-068-051A-32  
Sequence 32, Application US/09068051A  
Patent No. 6291235

## GENERAL INFORMATION:

APPLICANT: Old, Lloyd J.; Welt, Sydney; Rilter, Gerd;  
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;  
Cattmel, B.; Ji, Hong; Burgess, Anthony W.;  
Heath, Joan K.; White, Sara J.; Johnstone, Cameron  
TITLE OF INVENTION: Colon Cell And Colon Cancer Cell  
Associated Nucleic Acid Molecules, Protein And Peptides

NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:

ADDRESS: Fulbright & Jaworski LLP

STREET: 666 Fifth Avenue

CITY: New York City

STATE: New York

COUNTRY: USA

ZIP: 10103

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/068,051A

FILING DATE: 10-Dec-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/597,495

FILING DATE: 02-Feb-1996

APPLICATION NUMBER: 08/511,876

FILING DATE: 04-Aug-1995

## ATTORNEY/AGENT INFORMATION:

NAME: Hanson, No. 6291235man D.

REGISTRATION NUMBER: 30,946

REFERENCE/DOCKET NUMBER: LUD 5316.2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 318-3168

TELEFAX: (212) 752-5958

SEQUENCE FOR SEQ ID NO: 32

SEQUENCE CHARACTERISTICS:

LENGTH: 318 amino acids

TYPE: amino acid

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 32

US-09-068-051A-32

Query Match 14.7%; Score 240.5; DB 4; Length 318;  
Best Local Similarity 24.9%; Pred. No. 4e-16;  
Matches 73; Conservative 37; Mismatches 122; Indels 61; Gaps 10;

QY 48 SYELSCIT-THSOTSPRIEMKKIQDGQ-----TYY---FDNKIQGLAGRT 92  
DB 37 SYTLPTCTYNTYVSDRGGFTQMDKLLRSQTERVVTNMFVKYIYGNRYENRVV---VSD 93  
QY 93 DVFCKTSLRMNVTRESDAIVCEVVALNDKREVEDEITELIVQKPTVPCRIPAAPV 152  
DB 94 AELSNASTITDQLTMADNGTECSVLSMDQDVNAKSRRLVLVLPSPKDCSIQGEVY 153  
QY 153 GKATLQCESEGYPRPHYSW---YRNDVPLPTDSRANRPNONSSFVNSETGLVFN 207  
DB 154 GNNIQLTCHSARGSPSPQYSKSYNANOQORPLTOPVSGP-----LLK 198  
QY 208 AVHKDDSGQYCIASNDAGARCE-----GDMEVYDLNAGIIGVLVLIIVLAVY 259  
DB 199 NISTETAGYICTSSNDVIESCNITVADRPSPMIALV---AGIAGSVFALLIIGVY 254  
QY 260 TWGICCAVRGCFFISSKODG-----SYKSPGKHDSVANIITSEEGDFRRK 305  
DB 255 IVCCCREND---DKDDREDARPRRAAYQVPPKQKKEISGREDEDDHRRH 303

Search completed: January 15, 2003, 17:25:31  
Job time: 15.5 secs

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GenCore version 5.1.3  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: January 15, 2003, 17:24:17 : Search time 8.5 Seconds  
(without alignments)  
724.981 Million cell updates/sec

Title: US-09-524-531c-15

Perfect score: 1637

Sequence: 1 MALRRPRLRLCARLPDFLL.....VNYIRDEGDFRHKSFYI 310

Scoring table:

BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 120991 seqs, 19878514 residues

al number of hits satisfying chosen parameters: 120991

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published\_Applications\_AA:\*

- 1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep:\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCIT\_NEW\_PUB.pep:\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*
- 6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*
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- 12: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep:\*
- 13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. NO. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1637	100.0	310	9	US-09-905-291A-423
2	1637	100.0	310	9	US-10-033-245-20
3	1637	100.0	310	9	US-10-033-223-20
4	1637	100.0	310	9	US-10-033-167-20
5	1637	100.0	310	9	US-09-902-853-423
6	1637	100.0	310	9	US-10-033-244-20
7	1637	100.0	310	9	US-09-907-824-423
8	1637	100.0	310	9	US-09-907-841-423
9	1637	100.0	310	9	US-09-904-011-423
10	1637	100.0	310	9	US-10-028-072-538
11	1637	100.0	310	10	US-09-909-320-423
12	1637	100.0	310	10	US-09-909-088B-423
13	1637	100.0	310	12	US-10-033-246-20
14	1637	100.0	310	12	US-10-033-301-20
15	1637	100.0	310	12	US-10-033-326-20
16	488	29.8	298	10	US-09-745-763-38
17	488	29.8	298	10	US-09-799-777-30
18	481	29.4	298	9	US-09-853-797-76
19	481	29.4	298	10	US-09-853-161-76

20	481	29.4	298	10	US-09-852-659A-76	Sequence 76, Appl
21	461.5	28.2	312	9	US-09-905-291A-64	Sequence 64, Appl
22	461.5	28.2	312	9	US-09-953-499-9	Sequence 9, Appl
23	461.5	28.2	312	9	US-09-902-853-64	Sequence 64, Appl
24	461.5	28.2	312	9	US-09-907-824-64	Sequence 64, Appl
25	461.5	28.2	312	9	US-09-907-841-64	Sequence 64, Appl
26	461.5	28.2	312	9	US-09-904-011-64	Sequence 64, Appl
27	461.5	28.2	312	9	US-10-028-072-336	Sequence 336, Appl
28	461.5	28.2	312	10	US-09-909-320-64	Sequence 64, Appl
29	461.5	28.2	312	10	US-09-909-088B-64	Sequence 64, Appl
30	457.5	27.9	300	9	US-09-953-499-10	Sequence 10, Appl
31	424	25.9	299	9	US-09-905-291A-119	Sequence 119, Appl
32	424	25.9	299	9	US-10-066-500-91	Sequence 91, Appl
33	424	25.9	299	9	US-09-953-499-1	Sequence 1, Appl
34	424	25.9	299	9	US-09-902-853-119	Sequence 119, Appl
35	424	25.9	299	9	US-09-907-824-119	Sequence 119, Appl
36	424	25.9	299	9	US-09-907-841-119	Sequence 119, Appl
37	424	25.9	299	9	US-09-904-011-119	Sequence 119, Appl
38	424	25.9	299	9	US-10-028-072-366	Sequence 366, Appl
39	424	25.9	299	10	US-09-799-777-51	Sequence 51, Appl
40	424	25.9	299	10	US-09-909-320-119	Sequence 119, Appl
41	424	25.9	299	10	US-09-909-088B-119	Sequence 119, Appl
42	402	24.6	301	10	US-09-764-853-540	Sequence 540, Appl
43	392.5	24.0	260	9	US-09-953-499-23	Sequence 23, Appl
44	392.5	24.0	263	9	US-09-953-499-25	Sequence 25, Appl
45	245.5	15.0	365	10	US-09-925-299-847	Sequence 847, Appl

#### ALIGNMENTS

RESULT 1  
US-09-905-291A-423  
Sequence 423, Application US/09905291A  
Patent No. US20020160374A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth, J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William, I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/905,291A  
PRIORITY FILING DATE: 2001-07-12  
PRIOR APPLICATION NUMBER: PCT/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222

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: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 423
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo Sapien
US-09-905-291A-423
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Best Local Similarity 100.0%; Pred. No. 2e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSSNRTPVVOEFSEVLSCTITDSOT 60

QY 61 SDPRLEWKKIODEQTYVYFDFNKLIOGDLAGRAELIGKTSLKIMWTRDSALYCEVVAR 120
DB 61 SDPRLEWKKIODEQTYVYFDFNKLIOGDLAGRAELIGKTSLKIMWTRDSALYCEVVAR 120

QY 121 NDKREIDIEIVELYQVQVPVPCVAKVPGKMATLHCQSESGHPRPHYSWYNDVPL 180
DB 121 NDKREIDIEIVELYQVQVPVPCVAKVPGKMATLHCQSESGHPRPHYSWYNDVPL 180

QY 181 PTDSRANRFNNSPFLNSEGTLVFTAVHKDSCGYCIASNDGSAKCEQEMEYVDL 240
DB 181 PTDSRANRFNNSPFLNSEGTLVFTAVHKDSCGYCIASNDGSAKCEQEMEYVDL 240

QY 241 NIGGIIGVVLVAVLALITIGICAYRRGYFINNKODEGSEKYNKPKDGVYITDEEG 300
DB 241 NIGGIIGVVLVAVLALITIGICAYRRGYFINNKODEGSEKYNKPKDGVYITDEEG 300

QY 301 DFRHKSFEVI 310
DB 301 DFRHKSFEVI 310
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RESULT 2
US-10-033-245-20
: Sequence 20, Application US/10033245
: Patent No. US20020160392A1
: GENERAL INFORMATION:
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
```

```

: APPLICANT: Goddard, Audrey
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2930RIC7
: CURRENT APPLICATION NUMBER: US/10/033,245
: CURRENT FILING DATE: 2001-12-27
: PRIOR APPLICATION NUMBER: 60/095,325
: PRIOR FILING DATE: 1998-08-04
: PRIOR APPLICATION NUMBER: 60/112,851
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,145
: PRIOR FILING DATE: 1998-12-16
: PRIOR APPLICATION NUMBER: 60/113,511
: PRIOR FILING DATE: 1998-12-22
: PRIOR APPLICATION NUMBER: 60/115,558
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,565
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/115,733
: PRIOR FILING DATE: 1999-01-12
: PRIOR APPLICATION NUMBER: 60/119,341
: PRIOR FILING DATE: 1999-02-09
: PRIOR APPLICATION NUMBER: 60/119,537
: PRIOR FILING DATE: 1999-02-10
: PRIOR APPLICATION NUMBER: 60/119,965
: PRIOR FILING DATE: 1999-02-12
: PRIOR APPLICATION NUMBER: 60/162,506
: PRIOR FILING DATE: 1999-10-29
: PRIOR APPLICATION NUMBER: 60/170,262
: PRIOR FILING DATE: 1999-12-09
: PRIOR APPLICATION NUMBER: 60/187,202
: PRIOR FILING DATE: 2000-03-03
: PRIOR APPLICATION NUMBER: PCT/US99/12252
: PRIOR FILING DATE: 1999-06-02
: PRIOR APPLICATION NUMBER: PCT/US99/28634
: PRIOR FILING DATE: 1999-12-01
: PRIOR APPLICATION NUMBER: PCT/US99/28551
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US00/03565
: PRIOR FILING DATE: 2000-02-11
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: PCT/US00/05841
: PRIOR FILING DATE: 2000-03-02
: PRIOR APPLICATION NUMBER: PCT/US00/08439
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: PCT/US00/14941
: PRIOR FILING DATE: 2000-05-30
: PRIOR APPLICATION NUMBER: PCT/US00/15264
: PRIOR FILING DATE: 2000-06-02
: PRIOR APPLICATION NUMBER: PCT/US00/32678
: PRIOR FILING DATE: 2000-12-01
: NUMBER OF SEQ ID NOS: 38
: SEQ ID NO 20
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo sapiens
US-10-033-245-20
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Query Match      100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 2e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSSNRTPVVOEFSEVLSCTITDSOT 60
DB 1 MALRRPRLRLCARLPDFLLFRGCLIGAVNLKSSNRTPVVOEFSEVLSCTITDSOT 60
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; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2930R1C10
; CURRENT APPLICATION NUMBER: US/10/033,167
; CURRENT FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: 60/095,325
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/112,851
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,145
; PRIOR FILING DATE: 1998-12-16
; PRIOR APPLICATION NUMBER: 60/113,511
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/115,558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115,565
; PRIOR FILING DATE: 1999-01-12
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; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119,341
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; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/119,965
; PRIOR FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: 60/162,506
; PRIOR FILING DATE: 1999-10-29
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; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 60/187,202
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/US99/12252
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; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
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; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/08439
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: PCT/US00/14941
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 38
; SEQ ID NO 20
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-167-20

Query Match      100.0%: Score 1637: DB 9: Length 310:
Best Local Similarity 100.0%: Pred. No. 2e-108:
Matches 310: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

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Qy 181 PTDSRANPRFRNSSPHLNSGTGLVFTAVHKDSCGYCCIASNDAGSARCEQEMEVYDL 240
Db 181 PTDSSRANPRFRNSSPHLNSGTGLVFTAVHKDSCGYCCIASNDAGSARCEQEMEVYDL 240
Qy 241 NIGGITGGVLYLVALLITIGTCAYRRGRTFINKKOGESIKNKGKDGAVYITRDEEG 300
Db 241 NIGGITGGVLYLVALLITIGTCAYRRGRTFINKKOGESIKNKGKDGAVYITRDEEG 300
Qy 301 DFRHKSFFVI 310
Db 301 DFRHKSFFVI 310

RESULT 5
US-09-902-853-423
; Sequence 423, Application US/09902853
; Publication No. US20020192639A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Olang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumms, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,853
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: US/09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565

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Db 301 DFRHKSSEYI 310

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RESULT 7
US-09-907-824-423
; Sequence 423, Application US/09907824
; Publication No. US20020197671A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907, 824
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143, 048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145, 698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146, 222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
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; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
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; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-423
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Best Local Similarity 100.0%; Pred. No. 2e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 181 PDSRANPFRNSSPHLNSETGLVFTAVHKDSCQYCYCIASNDGASARCEQEMEYVDL 240
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DB 241 NIGGIIGVLYVLAVALITLIGICAYRRGYFINNKKQSESTKNGKPDGVNYIRTDDEG 300
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RESULT 8
US-09-907-841-423
; Sequence 423, Application US/09907841
; Publication No. US2002019836A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlesen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907, 841
; PRIOR FILING DATE: 2001-11-20
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: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 423
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo Sapien
: US-09-907-841-423

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Query Match          100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 2e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 SDPRIEMKKIODEQTTVFFDNKIOGDLGRAEILGKTSIKIMWTRDSALYRCEVVAR 120
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Db 121 NDRKIDEIVIELTVQVPRVPCVPRKAVPVGKMATLHCOESGHPRHYSWYRNDVPL 180
Qy 181 PTDSANRFRNRSFHLNSETGLVFTAVHKDSCGYCISANDGSARCEQEMEVYDL 240
Db 181 PTDSANRFRNRSFHLNSETGLVFTAVHKDSCGYCISANDGSARCEQEMEVYDL 240
Qy 241 NIGGIIGCVLVAVLALITLIGCCAYRGRYFINNKODGESYKNGKPDGVYIRTDDEG 300
Db 241 NIGGIIGCVLVAVLALITLIGCCAYRGRYFINNKODGESYKNGKPDGVYIRTDDEG 300
Qy 301 DFRHKSFEVI 310
Db 301 DFRHKSFEVI 310

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RESULT 9
US-09-904-011-423
: Sequence 423, Application US/09904011
: Publication No. US20030003530A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerltsen, Mary E.

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: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Guiney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/904,011
: PRIOR FILING DATE: 2001-07-11
: PRIOR APPLICATION NUMBER: 09/665,350
: PRIOR FILING DATE: 2000-09-18
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
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: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
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: PRIOR APPLICATION NUMBER: PCT/US99/23089
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: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 423
: LENGTH: 310
: TYPE: PRT
: ORGANISM: Homo Sapien
: US-09-904-011-423

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Query Match          100.0%; Score 1637; DB 9; Length 310;
Best Local Similarity 100.0%; Pred. No. 2e-108;
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 301 DFRHSSFVI 310

RESULT 10  
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Sequence 538, Application US/10028072  
Application No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Defoerge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Collin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028.072  
CURRENT FILING DATE: 2001-12-19  
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PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

PRIOR FILING DATE: 1998-07-07  
Query Match 100.0%; Score 1637; DB 9; Length 310;  
Best Local Similarity 100.0%; Pred. No. 2e-108;  
Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MALRRPRLICARLPDFLLLPFGCLIGAVNLKSSNTPVVOFESEVLSCTITDSOT 60  
QY 61 SDPRIEMKKIODEQTTTFFFDNKGIOGDLGRAEIIIGKTSLKIMNTYRDSALRYCEVVAR 120  
DB 61 SDPRIEMKKIODEQTTTFFFDNKGIOGDLGRAEIIIGKTSLKIMNTYRDSALRYCEVVAR 120  
QY 121 NDRKEIDEIVIELYQVKRPVPCRVKPAVPVGNKATLHCQSEGHPRPHYSWYRNDVPL 180  
DB 121 NDRKEIDEIVIELYQVKRPVPCRVKPAVPVGNKATLHCQSEGHPRPHYSWYRNDVPL 180  
QY 181 PTDSRANPRFRNSFHLNSETGLVFTAVHKDSCQCYCIAINDGASARCEQEMEVYDL 240  
DB 181 PTDSRANPRFRNSFHLNSETGLVFTAVHKDSCQCYCIAINDGASARCEQEMEVYDL 240  
QY 241 NIGGIIGCVLVAVLATITLIGICCAVRRGYFTINNKODESYKNPGKPDGVNVRTDEEG 300  
DB 241 NIGGIIGCVLVAVLATITLIGICCAVRRGYFTINNKODESYKNPGKPDGVNVRTDEEG 300  
QY 301 DFRHKSFEVI 310  
DB 301 DFRHKSFEVI 310  
RESULT 11  
US-09-909-320-423  
Sequence 423, Application US/09909320  
Patent No. US20020132240A1  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, A.  
APPLICANT: Grimaldi, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavio, Ivar J.  
APPLICANT: Mather, Jennie P.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: 10466-14  
CURRENT APPLICATION NUMBER: US/09/909,320  
CURRENT FILING DATE: 2002-01-04  
PRIOR APPLICATION NUMBER: PCY/US00/04414  
PRIOR FILING DATE: 2000-02-22  
PRIOR APPLICATION NUMBER: US 60/143,048  
PRIOR FILING DATE: 1999-07-07  
PRIOR APPLICATION NUMBER: US 60/145,698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: US 60/146,222

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;; PRIOR APPLICATION NUMBER: PCT/US99/20594  
;; PRIOR FILING DATE: 1999-09-08  
;; PRIOR APPLICATION NUMBER: PCT/US99/20944  
;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
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;; PRIOR APPLICATION NUMBER: PCT/US99/23089  
;; PRIOR FILING DATE: 1999-10-05  
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;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28313  
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;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
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;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 423  
;; LENGTH: 310  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-09-909-320-423

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Matches 310; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 181 PTDSRANRFRNSSFHLNSETGLTFTVAVHKDDSGOYYCIA SNDAGSARCEOEEMEVYDL 240  
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QY 241 NIGGIIGVLYVAVLALITIGICAYRGTFINNKQGESYKNGKDGAVYITDEBG 300  
DB 241 NIGGIIGVLYVAVLALITIGICAYRGTFINNKQGESYKNGKDGAVYITDEBG 300  
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RESULT 12  
US-09-909-088B-423  
;; Sequence 423, Application US/09909088B  
;; Patent No. US20020146709A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Genentech, Inc.  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan L.

;; APPLICANT: Ferrara, Napoleone  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, A.  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth, J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Mather, Jennie P.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Thomas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William, I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: 10466-14  
;; CURRENT APPLICATION NUMBER: US/09/909,088B  
;; PRIOR APPLICATION NUMBER: PCT/US00/04414  
;; PRIOR FILING DATE: 2001-07-18  
;; PRIOR APPLICATION NUMBER: US 60/143,048  
;; PRIOR FILING DATE: 1999-07-07  
;; PRIOR APPLICATION NUMBER: US 60/145,698  
;; PRIOR FILING DATE: 1999-07-26  
;; PRIOR APPLICATION NUMBER: US 60/146,222  
;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: PCT/US99/20594  
;; PRIOR FILING DATE: 1999-09-08  
;; PRIOR APPLICATION NUMBER: PCT/US99/20944  
;; PRIOR FILING DATE: 1999-09-13  
;; PRIOR APPLICATION NUMBER: PCT/US99/21090  
;; PRIOR FILING DATE: 1999-09-15  
;; PRIOR APPLICATION NUMBER: PCT/US99/21547  
;; PRIOR FILING DATE: 1999-11-29  
;; PRIOR APPLICATION NUMBER: PCT/US99/28214  
;; PRIOR FILING DATE: 1999-11-30  
;; PRIOR APPLICATION NUMBER: PCT/US99/28313  
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;; PRIOR APPLICATION NUMBER: PCT/US99/28564  
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;; PRIOR FILING DATE: 1999-12-16  
;; PRIOR APPLICATION NUMBER: PCT/US99/30911  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US99/30999  
;; PRIOR FILING DATE: 1999-12-20  
;; PRIOR APPLICATION NUMBER: PCT/US00/00219  
;; PRIOR FILING DATE: 2000-01-05  
;; NUMBER OF SEQ ID NOS: 423  
;; SEQ ID NO 423  
;; LENGTH: 310  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-09-909-088B-423

Query Match 100.0%; Score 1637; DB 10; Length 310;  
Best Local Similarity 100.0%; Pred. No. 2e-108;  
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DB 1 MALRRPRLRLCARLPDFFLLFRGCLIGAVNLKSSNRTVPVOEFESVELSCITTSQT 60



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? TITLE OF INVENTION: Acids Encoding the Same
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? CURRENT FILING DATE: 2001-12-27
? PRIOR APPLICATION NUMBER: 60/095,325
? PRIOR FILING DATE: 1998-08-04
? PRIOR APPLICATION NUMBER: 60/112,851
? PRIOR FILING DATE: 1998-12-16
? PRIOR APPLICATION NUMBER: 60/113,145
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? PRIOR FILING DATE: 1999-02-09
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? PRIOR FILING DATE: 1999-02-10
? PRIOR APPLICATION NUMBER: 60/119,965
? PRIOR FILING DATE: 1999-02-12
? PRIOR APPLICATION NUMBER: 60/162,506
? PRIOR FILING DATE: 1999-10-29
? PRIOR APPLICATION NUMBER: 60/170,262
? PRIOR FILING DATE: 1999-12-09
? PRIOR APPLICATION NUMBER: 60/187,202
? PRIOR FILING DATE: 2000-03-03
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? PRIOR FILING DATE: 1999-06-02
? PRIOR APPLICATION NUMBER: PCT/US99/28634
? PRIOR FILING DATE: 1999-12-01
? PRIOR APPLICATION NUMBER: PCT/US99/28551
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? PRIOR FILING DATE: 2000-03-02
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? PRIOR APPLICATION NUMBER: PCT/US00/14941
? PRIOR FILING DATE: 2000-05-30
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? PRIOR FILING DATE: 2000-06-02
? PRIOR APPLICATION NUMBER: PCT/US00/32678
? PRIOR FILING DATE: 2000-12-01
? NUMBER OF SEQ ID NOS: 38
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? ORGANISM: Homo sapiens
US-10-033-301-20

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Best Local Similarity 100.0%; Pred. No. 2e-108;
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? Sequence 20. Application US/10033326
? Patent No. US20020098507A1
? GENERAL INFORMATION:
? APPLICANT: Bolstein, David
? APPLICANT: Desnoyers, Luc
? APPLICANT: Ferrara, Napoleone
? APPLICANT: Fong, Sherman
? APPLICANT: Gao, Wei-Qiang
? APPLICANT: Goddard, Audrey
? APPLICANT: Gurney, Austin L.
? APPLICANT: Pan, James
? APPLICANT: Roy, Margaret Ann
? APPLICANT: Stewart, Timothy A.
? APPLICANT: Tumas, Daniel
? APPLICANT: Watanabe, Collin K.
? APPLICANT: Wood, William I.
? TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
? TITLE OF INVENTION: Acids Encoding the Same
? FILE REFERENCE: P2930R1C6
? CURRENT APPLICATION NUMBER: US/10/033,326
? PRIOR FILING DATE: 2001-12-27
? PRIOR APPLICATION NUMBER: 60/095,325
? PRIOR FILING DATE: 1998-08-04
? PRIOR APPLICATION NUMBER: 60/112,851
? PRIOR FILING DATE: 1998-12-16
? PRIOR APPLICATION NUMBER: 60/113,145
? PRIOR FILING DATE: 1998-12-16
? PRIOR APPLICATION NUMBER: 60/113,511
? PRIOR FILING DATE: 1998-12-22
? PRIOR APPLICATION NUMBER: 60/115,558
? PRIOR FILING DATE: 1999-01-12
? PRIOR APPLICATION NUMBER: 60/115,565
? PRIOR FILING DATE: 1999-01-12
? PRIOR APPLICATION NUMBER: 60/115,733
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? PRIOR FILING DATE: 1999-02-09
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? PRIOR APPLICATION NUMBER: PCT/US00/03565
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;; PRIOR FILING DATE: 2000 -03-02  
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;; PRIOR FILING DATE: 2000-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US00/15264  
;; PRIOR FILING DATE: 2000-06-02  
;; PRIOR APPLICATION NUMBER: PCT/US00/32678  
;; PRIOR FILING DATE: 2000-12-01  
;; NUMBER OF SEQ ID NOS: 38  
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;; LENGTH: 310  
;; TYPE: prt  
;; ORGANISM: Homo sapiens  
US-10-033-326-20

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DB 121 NDRKEIDEIVIELYQVKPVTVCVPCVPCVPCVPCVPCVPCVPCVPCVPCVPCVPCV 180  
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DB 181 PTDSDRANPRFRNSSFHLNSETGLVFTAVHKDSDGOYCIASNDAGSARCEOEYVDL 240  
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OY 301 DFRHKSSFVI 310  
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DB 301 DFRHKSSFVI 310

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Job time : 9.5 secs

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GenCore version 5.1.3  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: January 15, 2003, 17:22:22 ; Search time 13.5 Seconds  
(without alignments)  
675.637 Million cell updates/sec

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Post-processing: Minimum Match 0%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	481	29.4	298	4	US-09-152-060-76 Sequence 76, Appl
2	461.5	28.2	312	4	US-09-254-465A-9 Sequence 9, Appl1
3	457.5	27.9	300	4	US-09-254-465A-10 Sequence 10, Appl
4	424	25.9	299	4	US-09-188-930-331 Sequence 331, App
5	424	25.9	299	4	US-09-462-270-2 Sequence 2, Appl1
6	424	25.9	299	4	US-09-254-465A-1 Sequence 1, Appl1
7	412	25.2	299	4	US-09-188-930-189 Sequence 189, App
8	392.5	24.0	263	4	US-09-254-465A-23 Sequence 23, Appl
9	392.5	24.0	263	4	US-09-254-465A-25 Sequence 25, Appl
10	288	17.6	205	4	US-09-462-270-4 Sequence 4, Appl1
11	228.5	14.0	319	1	US-08-597-495B-22 Sequence 22, Appl
12	228.5	14.0	319	4	US-09-068-051A-22 Sequence 22, Appl
13	228.5	14.0	319	4	US-09-336-536-67 Sequence 67, Appl
14	228.5	14.0	319	4	US-09-254-465A-6 Sequence 6, Appl1
15	217.5	13.3	270	4	US-09-254-465A-24 Sequence 24, Appl
16	217.5	13.3	273	4	US-09-254-465A-26 Sequence 26, Appl
17	215.5	13.2	318	4	US-09-068-051A-32 Sequence 32, Appl
18	197.5	11.1	387	4	US-09-175-928-2 Sequence 2, Appl1
19	173.5	10.6	370	4	US-09-336-536-38 Sequence 38, Appl
20	171.5	10.5	394	4	US-09-336-536-39 Sequence 39, Appl
21	169.5	10.4	390	2	US-08-979-424-1 Sequence 1, Appl1
22	167	10.2	365	4	US-09-336-536-40 Sequence 40, Appl
23	166.5	10.2	341	4	US-09-336-536-29 Sequence 29, Appl
24	162.5	9.9	246	4	US-09-336-536-31 Sequence 31, Appl
25	160.5	9.8	365	4	US-08-928-383B-2 Sequence 3, Appl1
26	159.5	9.7	365	2	US-08-979-424-3 Sequence 3, Appl1
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36	153	9.3	1651	4	US-09-540-245A-18 Sequence 18, Appl
37	152.5	9.3	869	1	US-08-374-834-16 Sequence 16, Appl
38	152.5	9.3	869	2	US-08-644-271-29 Sequence 29, Appl
39	152.5	9.3	869	4	US-09-077-955-33 Sequence 33, Appl
40	152	9.3	95	4	US-08-928-383B-18 Sequence 18, Appl
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42	150.5	9.2	734	2	US-08-389-459A-17 Sequence 17, Appl
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44	147	9.0	365	4	US-08-928-383B-23 Sequence 23, Appl
45	147	9.0	365	4	US-08-928-383B-24 Sequence 24, Appl

## ALIGNMENTS

RESULT 1  
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Sequence 76, Application US/09152060  
Patent No. 6448230  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: 28 Human Secreted Proteins  
FILE REFERENCE: P2003P1.US  
CURRENT APPLICATION NUMBER: US/09/152,060  
CURRENT FILING DATE: 1998-09-11  
EARLIER APPLICATION NUMBER: PCT/US98/04858  
EARLIER FILING DATE: 1998-03-12  
EARLIER APPLICATION NUMBER: 60/040,762  
EARLIER FILING DATE: 1997-03-14  
EARLIER APPLICATION NUMBER: 60/040,710  
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EARLIER APPLICATION NUMBER: 60/048,970  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/068,368  
NUMBER OF SEQ ID NOS: 118  
SOFTWARE: PatentIn Ver. 2.0  
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LENGTH: 298  
TYPE: PRT  
ORGANISM: Homo sapiens  
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LOCATION: (42)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
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NAME/KEY: SITE  
LOCATION: (58)  
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids  
US-09-152-060-76  
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Best Local Similarity 35.8%; Pred. No. 4.3e-41;  
Matches 114; Conservative 60; Mismatches 116; Indels 28; Gaps 10;





APPLICANT: Watson, James D.  
APPLICANT: Strachan, Lorna  
APPLICANT: Steeman, Matthew  
APPLICANT: Onrust, Rene  
TITLE OF INVENTION: Compositions Isolated From Skin Cells  
FILE REFERENCE: 11000.1011c1  
CURRENT APPLICATION NUMBER: US/09/188,930A  
NUMBER OF SEQ ID NOS: 348  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 331  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Human  
US-09-188-930-331

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QY 188 PFRNSSFHLNSETGLVFTAAVHKDDSGOYCIASNDASARCEEO-EMEVYDLNIGIT 246  
Db 181 RAFNSSSYLVNPTTGLVFDPLASDPTGESCARGCYGTPMTSNVAREAVERNVGIY 240  
QY 247 GGLVVLAVLALITIGICCAVRRGYFINNKQDES----YKNPKRGDGVNIYRTDEGDF 302  
Db 241 AAVLVTLILGLIVFGIMFAYSRGHPDRTRKGTSSKKVIYSQPS-----ARSEGER 291  
QY 303 RHKSSFVI 310  
Db 292 KOTSSFLV 299

RESULT 5

US-09-462-270-2  
Sequence 2, Application US/09462270

Patent No. 6358707  
GENERAL INFORMATION:  
APPLICANT: SmithKline Beecham Corporation  
TITLE OF INVENTION: Human FII Antigen: A Cell Surface  
FILE REFERENCE: GH-70150US  
CURRENT APPLICATION NUMBER: US/09/462,270  
CURRENT FILING DATE: 2000-01-05  
PRIOR APPLICATION NUMBER: 60/052,186  
PRIOR FILING DATE: 1997-07-10  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 2  
LENGTH: 299  
TYPE: PRT  
ORGANISM: HOMO SAPIENS  
US-09-462-270-2

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Matches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDFLLFRCLIGAVNLKSSNRTPVQEFESVELSCIITDSDPRIM 67

Db 9 RKLLCL----FILAILLCSLAGSVTHSSEPEVRIPENNPKLSAY--SGFSSPRVEM 62  
QY 68 KRIODEQTYVFFDNKIQGDLGRAEILGKTSIKTNVTRDSALYRCEVVARNDKEID 127  
Db 63 KFDQDGTTRLVPCYNNKITSYEDRYFL-PTGITFKSVTRREDIGTYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKPVTVCRAVPKAVPVGKMATLHCQSESGHPRPHYSWRNDVPLPTDSRAN 187  
Db 121 EVKVKLIIVPPSKPTVINIPSSATIGNRAVLTCSEBDGSPSEYTFWKDGIWPTPKST 180  
QY 188 PFRNSSFHLNSETGLVFTAAVHKDDSGOYCIASNDASARCEEO-EMEVYDLNIGIT 246  
Db 181 RAFNSSSYLVNPTTGLVFDPLASDPTGESCARGCYGTPMTSNVAREAVERNVGIY 240  
QY 247 GGLVVLAVLALITIGICCAVRRGYFINNKQDES----YKNPKRGDGVNIYRTDEGDF 302  
Db 241 AAVLVTLILGLIVFGIMFAYSRGHPDRTRKGTSSKKVIYSQPS-----ARSEGER 291  
QY 303 RHKSSFVI 310  
Db 292 KOTSSFLV 299

RESULT 6  
US-09-254-465A-1  
Sequence 1, Application US/09254465A

Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
FILE REFERENCE: P1216R1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO 1  
LENGTH: 299  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-254-465A-1

Query Match 25.9%; Score 424; DB 4; Length 299;  
Best Local Similarity 32.8%; Pred. No. 2.9e-35;

Matches 101; Conservative 48; Mismatches 137; Indels 22; Gaps 7;

QY 8 RLRLCARLPDFLLFRCLIGAVNLKSSNRTPVQEFESVELSCIITDSDPRIM 67  
Db 9 RKLLCL----FILAILLCSLAGSVTHSSEPEVRIPENNPKLSAY--SGFSSPRVEM 62  
QY 68 KRIODEQTYVFFDNKIQGDLGRAEILGKTSIKTNVTRDSALYRCEVVARNDKEID 127  
Db 63 KFDQDGTTRLVPCYNNKITSYEDRYFL-PTGITFKSVTRREDIGTYTC-MVSEEGNSYG 120  
QY 128 EIVIELTVQVKPVTVCRAVPKAVPVGKMATLHCQSESGHPRPHYSWRNDVPLPTDSRAN 187  
Db 121 EVKVKLIIVPPSKPTVINIPSSATIGNRAVLTCSEBDGSPSEYTFWKDGIWPTPKST 180

[illegible][illegible]

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191 RUSFHLNSETGLVFTAVHKDDSGOYYCIASNDAGSARCE-EQEMEYVDLNIIG---GII 246
      :      : ||| :||| :|| :|| :|| :|| :|| :|| :|| :|| :|| :||

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APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
FILE REFERENCE: P1216R1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20

PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: US 60/078,936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: PCT/US98/19437  
PRIOR FILING DATE: 1998-09-17  
NUMBER OF SEQ ID NOS: 30  
SEQ ID NO: 6  
LENGTH: 319  
TYPE: PRF  
ORGANISM: Homo sapiens  
US-09-254-465A-6

Query Match 14.0%; Score 228.5; DB 4; Length 319;  
Best Local Similarity 25.7%; Pred. No. 3.2e-15;  
Matches 79; Conservative 49; Mismatches 128; Indels 51; Gaps 14.

29 IGAVNLKSSNRTPVQEFESVELSCII-TDQSPTSPRIEMKKIODEQTTFVE--FDNK- 83  
Db : ::::: : ::::: : ::::: : ::::: : ::::: : ::::: : ::::: :  
19 VDAISVERPDVLBRASQSKSVTLPCTHYHSTSRGLIOWMDLLLTHPRVYIWPSNMKN 78

84 -IQGDL-----AGRAELIGKTSLKIMNVTRRDSALRCCEVANRRKEIDIEIVETLV 135  
Db : ::::: : ::::: : ::::: : ::::: : ::::: : ::::: : ::::: :  
79 YIHGELYNNRSYSINNAE-QSDASITIIDLTWADNGTECSVSLMSDLGNKRSRYRLTY 137

136 QVKRPVPCRVPAKVPGVMKMTLHCQESRGHRPHYSWYRNDV-----PLPTDRANPRF 190  
Db 138 LVPPSKPECCGIEGETTIGNNIOLTCQSKSGSFPPQYSMKRTVIWLOEDPLAPASGP-- 195

191 RNSFHLSNETGTIVFAVHKDDSGOYYCIASNDAQSARCE-EQEMEVDLNIQ---GIT 246  
Db 196 -----VS LKNISTDTSGTYICTSENEGTGFCNTTVAVRSPSNMVALYVGIA 242

247 GCVLVVLAVALITLGICCAIRGGYFIN-NKQDC---ESYKNKGPKDGNYIT--RTDE 298  
Db 243 VGVAALLIIGIIYICCCC--RGKDDWTEDKEDARPNEAYEEP--PEQLRELSRREE 297

299 EGDPRHK 305  
298 EDDYRQE 304

RESULT 15  
US-09-254-465A-24  
Sequence 24, Application US/09254465A  
Patent No. 6410708  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Fong, Sherman  
APPLICANT: Goddard, Audrey  
APPLICANT: Gueney, Austin L.  
APPLICANT: Napier, Mary A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT  
FILE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS  
FILE REFERENCE: P1216R1(US)  
CURRENT APPLICATION NUMBER: US/09/254,465A  
CURRENT FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US98/24855  
PRIOR FILING DATE: 1998-11-20  
PRIOR APPLICATION NUMBER: US 60/066,364

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      PRIOR FILING DATE: 1997-11-21
      PRIOR APPLICATION NUMBER: US 60/078,936
      PRIOR FILING DATE: 1998-03-20
      PRIOR APPLICATION NUMBER: PCT/US98/19437
      PRIOR FILING DATE: 1998-09-17
      NUMBER OF SEQ ID NOS: 30
      SEQ ID NO 24
      LENGTH: 270
      TYPE: PRT
      ORGANISM: Homo sapiens
      US-09-254-465A-24

Query Match      13.3%; Score 217.5; DB 4; Length 270:
Best Local Similarity 26.0%; Pred. No. 3.3e-14;
Matches 74; Conservative 43; Mismatches 121; Indels 47; Gaps 12.

OY 29  GAVNLKSSNRPVVOEESVELSCII-TDSOTSPRIEMKKIODEQTYVE---FDNK- 83
      5  VDAISVEIPDYVLKRSQSKSVLPCTYHTSTSRREGLIOMDKLLTHERERVYIMPFSSKN 64
      :  :::::  :  ::  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
OY 84  -IQGLD-----AGRAELICTSLKIMWVTRRDSALYRCEVARNDRKEIDEIYELTV 135
      65  YIHGELYKNRVSISNNAE-QSDASTITDQLTWADNGTECVSLMSLDLEGNTRKSRVLLY 123
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
OY 136 QYKPTTPRCGRPKAVPVGKMATLHQEESBGHRRPHYSWRNDV-----PLPTDSRANPRF 190
      124 LVPPERKPCGIEGETIIGNNIQLTQSKSEGSTPPQYSMKRYVILNQEOPLAOPASGP-- 181
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
OY 191 RNSSEHLNSEGTLYFTVAHKKDSSGOYYCIASNDGSARCE-EQEMEYVDLNIIG--GIT 246
      182 -----VSLKNISTDTSGYICTSSNEGTOCPNTTVAVRSSNNVALYVIGIA 228
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
OY 247 GGVLVVLAVLALITLGICCAVRGYFIN--NKQDG---ESYKNP 285
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
DB 229 GGVVALIILIGIIVCCCC---RGKDDMTEDKEDARPNREAYEEP 270
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :

Search completed: January 15, 2003, 17:25:32
Job time : 14.5 secs

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